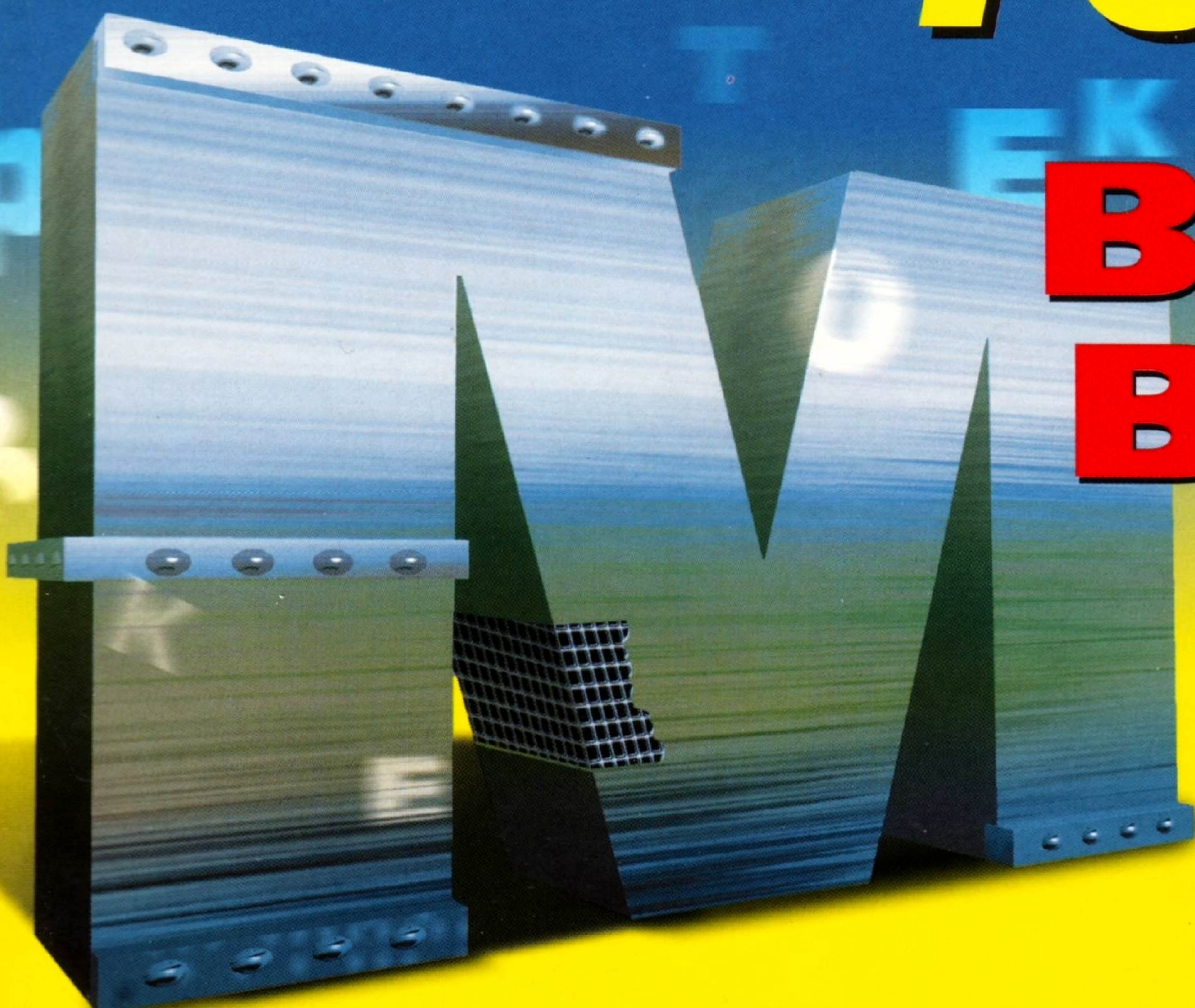
THE WORLD'S BIGGEST-SELLING AMIGA MAGAZINE

AMIGA FORMAT

£5.50 ■ AUGUST 1996 ■ ISSUE 87
Hfl 22.95 ■ US $11.95
CD version



BUILD A BETTER FACE

We give you the power to design, build and translate PostScript and Compugraphic fonts on your Amiga:

- **TypeSmith v2.5 software**
- **Six page tutorial feature**
- **Hundreds of fonts**

PHOTOGENICS 2

The professional version of the Amiga's best known image manipulator on test inside...

VALHALLA 3

The Valhalla series has a cult following, but can the latest episode attract a good rating?

PLUS Reviews of ClariSSA Pro, M1764 monitor, Surf Squirrel, Exile data disks and tutorials for Real 3D, OctaMED, Blitz Basic, Amiga.net and more...

See back cover for details of the CD

Future PUBLISHING
Your guarantee of value

CDROM BASED

* Special offer or sale price

CD010	GOLD FISH 1	£19.99
CD028B	FONTS & CLIPART	£9.99
CD033	THE AMOS LIBRARY	£16.99
CD034	ASSASSINS GAMES	£9.99
CD040	EUROSCENE	* £4.99
CD042	W.SCIENCE CLIPART	* £7.99
CD043	W.SCIENCE FONTS	* £7.99
CD044	SOUND TERRIFIC	£19.99
CD051	PRO IFF & PCX	£9.99
CD057	LIGHT ROM 1	£39.99
CD058	GOLD FISH 2	* £14.99
CD059	AMOC 2&3	£19.99
CD060	HOTTEST 4	£7.99
CD061	VARIOUS 1-1500	£7.99
CD062	LSD TOOLS	£7.99
CD066	TOWN OF TUNES	£19.99
CD067	ILLUSIONS 3D	£5.99
CD071	ULTRA MEDIA 1+2	£14.99
CD072	ADULT SENSATIONS	£17.99
CD078	EMERALD MINDS	* £9.99
CD097	FRESH FONTS	£14.99
CD098	W/S ANIMS	£17.99
CD099	LSD TOOLS 2	£19.99
CD103	FRESH FONTS 2	£19.99
CD108	BEAUTY OF CHAOS	£4.99
CD113	GIGA GRAPHICS 1,2,3,4	£29.99
CD114	THE LIGHT ROM 2	£39.99
CD115	FRED FISH TEXTURES	£39.99
CD117	CD BOOT V2.0	£24.99
CD141	THE LIGHT WORKS	£19.99
CD143	TETRA SOUNDS	* £4.99
CD147	CD WRITE	£44.99
CD156	MAGIC ILLUSIONS	£7.99
CD165	GATEWAY	* £7.99
CD168	UPD SET 1	* £24.99
CD176	CRAFTWORKS	£8.99
CD183	GURU ROM	£49.99
CD186	GROLIER ENCYCLOP	£24.99
CD190	IMAGINE 3.0 ENHANC	£39.99
CD191	LIGHTWAVE ENHANC	£39.99
CD192	SUPER CARS - PICS	£4.99
CD199	GLOBAL EXPERIENCE	£23.99
CD202	FROZEN FISH 95	£19.99
CD203	WORLD INFO 95	£19.99
CD205	ARCADE CLASSICS	£14.99
CD206	ADULT SENSATIONS 2	£18.99
CD211	ASSASSINS GAMES 2	£18.99
CD213	LSD COMPENDIUM 3	* £14.99
CD219	FRESH FISH 10	£19.99
CD225	AMIGA TOOLS 3	£24.99
CD226	XI PAINT v4.0	£39.99
CD227	GOLDFISH 3	£19.99
CD228	GAMERS DELIGHT 2	£24.99
CD230	SEXY SENSATIONS	£19.99
CD234	ZOOM 2	£18.99
CD236	W/S COLOUR ART	£7.99
CD237	OCTAMED 6	£29.99
CD247	PERSONAL SUITE	£39.99
CD272	UNIVERSE OF GIFS	£14.99
CD276	HORROR SENS	£19.99
CD277	ADULT 3D SENS	£19.99
CD278	NOTH BUT TETRIS	£9.99
CD279	GIF SENSATIONS	£19.99
CD280	3D IMAGES	£9.99
CD281	NEW WORMS EXTRA	£ RING
CD282	NEW 2,500 TEXTURES	£ RING
CD283	NEW DEM ROM	£ RING
CD284	NEW DESKTOP VIDEO	£ RING
CD285	NEW AMIGA 3D	£ RING
CD286	SCENE STORM	£19.99
CD287	EPIC COLLECT 2	£19.99
CD288	MWB ENHANCER	£14.99
CD289	W/B ADD-ONS	£24.99
CD290	WORLD OF CLIPART	£18.99
CD291	WORLD OF SOUND	* £4.99
CD293	AMINET 11	£12.99

* Double check prices when ordering as many of the above are Special Discounts

HARDWARE

* Internal 6 speed Commodore Branded IDE CD Drive with IDE-Fix (registered ver).
* £75 |Commodore 6 speed CDRom Drive
* £50 for software ide-fix (shware version of the software is also avaible for free with any cdrom or cdrom drive purchades).
* 540Mb 2.5inch hard drives £130 including install software & internal connection lead.
* Come down to our NEW shop show/room & collect your h/ware open 6 days a week.

PROGRAM + TEK

^ + V0298NORTHC V1.3 (AB)
The latest update on the public domain 'C' environment for the Amiga that I am aware of.

^ + V0523DICE C COMPILER (AB)
Contains Matthew Dillons full featured, powerful C compiler and environment system.

^ + V0786PASCAL
Contains everything needed to program in Pascal. Includes A68k 68000 assembler. Blink, Linking software and PCQ, a modest Pascal sub set compiler.a

^ * V1041DIGITAL BREAD BOARD
is a full GUI digital logic circuit simulator. Digital Breadboard currently supports 2 and 3 input etc

^ + V1056DEVELOPER
Contains the official Commodore developers kits for the Amiga Guide and Commodore Install utilities.

^ + V1060CIRCUIT BOARD DESIGN
Several terrific routines for the electronic enthusiast. Includes PCBtool, a circuit board design tool.

^ + V1209GNU C++ COMPILER (3) [HD]
Theses disks consists of the latest version of the GCC environment, Thus the compiler, driver, assembler, linker, header files inline code generation of library calls.

^ + V1213PROGRAM LANGUAGES
ACE v1.02, is a PD Amiga BASIC compiler which, in conjunction with A68K & Blink produces stand alone executable's. run time shared libraries are required.

^ * V1227GAD TOOLS V2.2C
A standard Amiga shared runtime library which makes it a lot quicker / easier to build standard requesters into programs. Designed with CBM's guidelines in mind.

^ + V1384HOW TO CODE IN C (AB)
Coves Debugging, Intuition and Graphic, Kodbibliotek, Tips & Tricks, Annopa AsmFranC, Dos Intuition. WB start, DMake, GadToolsBox and Power Source.

^ + V1430N.D.U.K V37 (ABCD)
Portions of the Commodore Native Developer Update Kit that can be licensed for distribution. Includes the fd files, libraries, startups, C include files, and tools

^ + V1905MATHS FORMULA EDIT V2.1
MathScript is a formula editor, which is used to integrate mathematical formulas into word processors or DTP programs. It has an extensive amount of mathematical and physical symbols and many control codes for creating fractions,roots, exponents.

^ + V1909REQCHANGE V3.6
Patches Intuition, ASL, ARP & REQ to use the Req Tools requesters instead. It also adds a couple of extra features, like an Assign Wedge, the possibility to send ARexx commands when a patched requester appears, & several options to configure how the patches behave.

^ + V1919MOTOROLA CROSS ASSEMBLER'S V2.0
Assembler's AS0,1,4,5,9,11

UTILS & POPULAR

^ + V1362CHECKERS TOOLBOX
Incredible Amiga diagnosis program. Runs self test on all chips, all the ports and even the disk drive! All your hardware is tested and displayed in graphical information. Every Amiga owner should have a copy! Find out what is wrong with your Amiga before going to the repairer to get it fixed. It may save you a bob or two!

^ + V1405VIRTUAL UTILITIES
Contains 5 utils containing everything needed for any Amiga user to make virtual memory from their harddrive. The Amiga is fooled into thinking it has massive amounts of RAM when really it only has a small amount mapped to a file on the harddrive.

^ + V1719TELETEXT V2.3
View Teletext (also know as Teletekst, Videotext, Ceefax, Skytext, Supertext etc.) on your Amiga. It is suitable for any PAL Amiga (read @{ System requirements link systems req } for more info, because it uses the parallel port to interface with the hardware. An electronic switch is provided to easily switch between the TeleText decoder and a printer.

^ ^ V1335LIBRARIES & DATATYPES
This is a disk packed full of Amiga Workbench 3.0 Libraries and Datatypes, There's 47 Libraries from A to Z all libraries covered are right up to date and waiting to be installed. The disk also have installation notes to aid the beginners. also files in the L and Devs/DosDrivers drawers that can be copied or assigned.

^ + V1641SUPER KILLERS V10.0
The latest collection of virus killers like AntiCicloVir v2.2a, Virus Checker v6.43, VirusZ II v1.07, and VT v2.67, Req the use of LHA which is in the c directory.

^ * V1017POST V1.86ENH (ABC)
PostScript interpreter which implements the full Adobe language. Supports Adobe type 1 and type 3 fonts, screen output, file output, and printer output.

^ + V1593EPU DISK STAKKER V1.7
Double your hard drive capacity by installing EPU. After installing EPU to any Device (HardDisk, Floppy, Rad etc) every file which will be written to the device will be compressed & when any compressed file is read by any application it will be decompressed.

^ * V1039HD INSTALLER (AB)
Bought an A1200 machine and are having trouble with your hard drive why not install it correctly.

^ * V1136DISKSALVE 2
Repair your hard drive with this. recommended.

^ + V1326C: COMMANDS & LIBS
The C: and LIBS disk contains over 100 commands lie within the C directory. Over 20 LIBRARY's are within the LIBS directory. Use them for your disks. They can be used to spice the disk up in appearance and in usage.

^ + V0490MESSY SID II
once loaded will read MS Dos disks, Convert any text (asc) files on to an Amiga dos disk so that they can be loaded into any standard Word processor. The program will also convert the text back to your IBM disks.

^ + V1611SNOOPDOS V3.0
Log's all the dos/library calls and more when you run a program. This is handy for both the programmer and the beginner. Have you ever installed a program to your harddrive and then discovered that it will not run without a certain library but you don't know which!

^ + V1928VIRUS WORKSHOP V4.8
This is the one and only Virus Workshop by Markus Schmall. Now in the Version 4.8 . Test it!

^ + V0424ANTIFLICKER
A program to stop the Flickering when you use the Amiga in Hi res move.

^ + V1669TUDE V1.0
is a very extensive and easy way of degrading your machine for all sorts of purposes. It is useful for playing old game on A1200s for example which need kickstart 1.3. There is a GUI version included as well as a CLI version so most people will have no trouble using it. A highly useful tool for all Amiga owners. Good.

^ + V1523RELOKICK V1.41
ANOTHER(!) version of ReloKick. Galahad of Dual Crew did ReloKick 1.4, so I decided to improve on that!

^ + V1356NOERRORS V1.3
Its main function is to hide physical disk errors from floppy disks and hard disks, so these disks can then be used without DOS showing read/write errors.

^ + V0662DCOPY V3.1
Best PD copier on the Amiga. No new Features over 2 but has been updated with new code information.

^ ^ V1164(AGA) ASA FIX DISK
An entire disk full of utilities for those A1200 and A4000 owners out there who can not for the life of them get some of there favourite games or demos to work.

^ * V1360WB2.0 TUTORIAL
There is a lot more options open to you than just playing games. In the chapters Files Explained & Menus, attempt to explain the workings of WB2,as the manuals supplied with your Amiga.

^ * V1242RE ORG V3.11
is a fast disk optimizer that can be used for floppy disks and hard disks. Supports new Kickstart 2.04 features including hard and soft links and High Density drives.

^ + V0685APRO ASTROLOGY V3.5
Astro_22 as released is a starter program which accurately calculates the position of the planets, cusps and zodiac positions to within 30 seconds of arc. I intend to increase the usefulness of the program to eventually cover all aspects of the subject which will appeal to professional as well as novice astrologers not wishing to pay 200+ for a decent package. Updated version

^ + V0489AMIBASE PRO II
This is the latest database program which is an update

^ + V0827REPAIR IT V2.01
An essential set of tools for recovery. Disk speed reports the speed of a selected drive. DiskSalv will try to recover as much data as possible from a corrupt disk. HDTool will install the OS3 disk caching and FFS to the hard drive of a lesser operating system.

^ ^ V1661NATIONAL LOTTERY
This is a national lottery prediction program called Lottery Winner. It consists of a database system which can record the National Lottery results from week to week until it has sufficient data to make certain types of predictions or just a random guess. Good.

^ + V1679COP THE LOT
Lottery prediction/database which can store the previous lottery results and also select random numbers etc.

^ + V1771COURSE FORM
Like to put a bit of money on the horses? This utility allows you to enter the figures for the horses in a particular race, plus the course details, and then it will try to predict the winner of the race. Good.

^ + V1778LOTTERY CHECKER
is a great tool for checking lottery numbers. Good for office syndicates. Find 'A' Date is a database which stores and matches people up for blind dates. Sneaker is used to view and change binary files, technical users are always finding these programs useful.

^ * V1836MRBACKUP V2.1.4
is a hard disk backup program for the Commodore Amiga family of computers. It provides a wide range of services to support Amiga file management and backup/restore of files to/from hard disk.

^ + V1837DISK DOUBLING V1.9B
This package allows you to create virtual partitions pn your HD. Files stored in such partitions get automatically compressed and decompressed whenever you access them, in a transparent way.

^ * V1838VMM V3.0
A virtual memory manager for Amigas with a 68040,68030 or 68020+68851 processor.

^ + V1932X-FILES GUIDE
The X-Files Guide disk is full of very usefull information if you are interested in the x-files. It contains over 674k worth of text, ranging from episodes 1 and 2 to the x-files transcript. It also has a survey you can fill in and send off to the auther of the disk.

^ + V1949MORE HD INSTALLERS
This disk contains the latest installers for the following games: ABASE, Arnie 2, ATR, Bump 'n' Burn, Naughty-ones, Rise of the Robots, Sensible World of Soccer, Shadow Fighters, Lion King, MKII_PAFIX, Parasol Stars, Rock'n'Roll, Skimarks 2, Skeleton Krew, Super Stardust, SoftB3, Trolls and Uridium 2.

^ + V1963VIRUS WORKSHOP V5.1
This version of Virus Workshop is as good as any of the others or even better. You can check every single file on there own or all together. If it finds a virus it will tell you what it is and exactly what to do to gat rid of it. This is probably the best version of Virus Workshop so far and well worth buying.

^ + V1965BALLS
Balls is yet another lottery predictor program. It is actually quite good apart from the £5 fee if you want to get the registered version. It can predict random numbers or numbers from pre-entered numbers of upto 72 weeks earlier. A well presented lottery predictor, if your into all the lottery hype get this.

^ * V1969AQUARIUM SIMULATOR
3d Aquarium Simulator (uses MUI2.0). check it out.

^ + V1982SCOUT V2.1
Scout is a tool that allows you to monitor your computer system. It displays many different things like tasks, ports, assigns, expansion boards, resident commands, interrupts, etc.

^ + V1983DOPUS UTILS 2
This is the second selection of utilities for use with the most popular Amiga Disk utility Directory Opus.

^ + V1997LOTTERY PREDICTOR
Another lottery prediction system. This latest addition has a few added advantages over the other available. For a start this one uses intuition fully so it multitasks and it uses only a small window on your workbench. Also it looks very nice! The added touch of the lottery symbol makes all the difference. The best lottery predictor yet.

^ + V1998AMIGADOS GUIDE V1.5
A very handy program for those who want to learn more about Amiga DOS or those who simply want an easy reference for commands etc.. The program consists of an easy to use point and click system with a index.

^ + V1999COP THE LOT PRO
Yet another lottery program. This one will only generate random numbers, there is no option to actually make any sort of calculated prediction. There is also a Numbers drawn database and a My guesses database to help you keep a record of the numbers you have been choosing.

^ + V2000BACK DOOR V6.0
This is the latest version of this now quite well known game cheat database. There are cheats and tips for hundreds of different games including a lot of recent titles. There are even long entries for games such as Dune II, which is a tactical game, detailling good methods of play

^ + V2001NATIONAL LOTTERY
This program is more than just a random number generator. It uses uses a special History formula with Chaos Theory to produce a more accurate prediction.

^ + V2004LOCKUP V4.0
is the newist version of the old utility Lockup which basically allows you to Lockup your hard drive with a password to enter and get it going again.

^ + V2005SHAPE SHIFTER 3.2
is a multitasking shareware Macintosh-2 emultor for the Amiga. It allows you to run mac software withour additional hardware. New updated verion.

^ + V2014MESSY SID 3.0
this is the latest veron of which will read and write PC Floppy disks 720k or 1.44 if your drive can take it.

^ + V2015MOVIE MAKER 2.0 (AB)
have you ever wanted to create your own movie and see it flourish in the Oscars, then nows your chance.

^ + V2026ROUTE PLANNER
Highway trip planner. Requires MUI 2.2

^ * V2051DOPUS 5 EXTRAS VOL 1 (AB)
This set of disks contains a selection of new archives for use with DOpus v5.0. ArcByName - Arc-script for Dopus5 and Lha/LZX V1.0. Dopus511 - Patch for Directory Opus 5.0 & 5.10 -> 5.11. DOpusLhARexx2 - Handles LhA archives from DOpus. DOpusReg - DOpusReg.lha: Opus 5.11 fix for AFS problems. DOpus_CleanRAM - DOpus AREXX script for cleaning ramdisk. LhALZXDirDOps5 - Modified LhaDir.dopus5 to work with lzxdir.dopus5. player3_Oopus5 - CDDA & soundplayers/saver for DirOpus5. xpkdopus - XPK support for DOpus5 (ARexx&Executable).

^ * V2060GFFT SPECTRUM ANALYZER
GFFT Version 2.03 is the update to GFFT version 1.12. The GUI is improved considerably (allows any font and screen color setup, has progress indicator, uses tooltypes, etc.), more features are added, bugs are fixed, and a new SpectrumAnalysis.guide is included (with lots of pictures) to explain spectrum analysis.

^ * V2072VIRUS_CHECKER V8.04
Best virus killer on the Amiga to date. Updated version with bug fixes and updated virus information.

MWB& W/B

^ * V1043SUPER DARK V2.1A
A screen blanker with some special features. It is similar to the After Dark screen blanker in the PC and Mac worlds. Features include a lot of different screen effects, a screen locker, and more.2

^ + V1964COLOUR WORKBENCH
Allows you to basically change your workbench screen to purple or whatever colour you fancy. It also changes the font from the usual workbench one to one that is really small. There are icons which allow you to change the one's you already use to some they have. They have also included some backdrops for you to use.

^ + V1968STAR TREK BACKGROUNDS
Heres some new backgrounds for workbench all based around the Star trek T:N:G series.

^ ^ V2045ICONIAN v2.96
OS3.0 icon editor, NewIcon support.

^ + V2048CALC
Arbitrary precision calculator/language

^ * V2053BLITZBANK V1.53 [1.5MB]
is a very powerful personal accounts system and is ABank compatible. 1.53 fixes two important buggs of the version 1.52 I couldn't wait for having new features because these buggs were really too annoying.

^ + V2061BERZBENCH V1.1C
Probably the best patterns for WB

^ * V2062ICONOGRAPHICS V3.0
is a collection of eight colour icons for Workbench 2 and 3. All standard system icons are included, with many additional icons (PD/Shareware programs, different types of data, custom drawers, and ToolManager dock icons). This release includes about 350 high quality icons. Every icon contains an alternate image that is displayed when the icon is clicked on.

^ ^ V2063MWB IMAGEDRAWERS FULL COLLECTION
This is a full MWB image drawers' collection, I added 42 new drawers since the first release (MWBDrws_474). I was tired of wastin' time every time I was searchin' for a particular image drawer, so I collected all the drawers I found on Aminet in a single collection. I hope this could be useful to someone else, but if you still prefer searchin' through all Aminet files... good luck!!

^ * V2064100 USELESS PATTERNS
102 background patterns in 2, 4, 8 and 16 colors.

^ ^ V2068JTE MAGICWB ICONS 5/6/7/8
JTE MagicWB Icons 5 - This package includes 90+ new MagicWB icons. JTE MagicWB Icons 6 - This package includes 37 new MagicWB icons, 1 WB pattern, 2 TMbrushes and 96 lame Pattern icons. JTE MagicWB Icons 7 - This package includes 60 new MagicWB icons. JTE MagicWB Icons 8 - This package includes 30+ new MagicWB icons.

^ ^ V2069NEW BREATHTAKING PATTERNS FOR MAGICWB
This package contains 11 photo-realistic backgrounds: Beach.png, BricksGrey.iff, Clouds.png, Confetti.iff, Mountains.png, Pebble.iff, Storm.iff, Stucco.iff, Terrace.png, Thunder.png, Valley.png. You need a PNG-datatype and a program to adjust the first 16 colors of your Workbench to the right colors.

^ ^ V2070MWB ICONS, PATTERNS
A collection of really nice MWB compatible stuff. Guide included.

PRO-SOFT

* We have set up a Special Offer for you.

If you want more details on any of the following disks or want information / prices for the registered versions ring PRO-SOFT on (0973) 702718.
(a) Each shareware version below comes with a £5.00 discount for the registered version.
(b) Each PRO-Soft disk can be purchased for £1.00 each or £4.00 for all 5 disks. (Please note our min order £10).
(c) Order over 20 normal PD-Soft disks and get all 5 Pro-Soft disks **"FREE-OF-CHARGE"**.

^ + V2073PRO-LOTTERY 96
Don't believe that lottery prediction is possible? Have a look at Pro-Lottery, and you might find that you begin to think otherwise! It DOESN'T pretend to guarantee you a jackpot win, but it does genuinely improve your chances of regular small-medium wins. Ideal for syndicates or individuals.

^ + V2074PRO-FOOTBALL
An extremely easy to use, yet powerful prediction system for use on both football pools and football fixed-odds. Evaluates each match, and presents you with the most likely outcome. (Amiga Shopper Star-Buy, Amiga Format Selection Of The Month)

^ + V2075PRO-GAMBLE v2.2
An easy to use, yet surprisingly accurate, horse race prediction system. Requires little racing knowledge - just any daily newspaper and 20 minutes! Generates predictions in a useable format (eg: Placepot), and can even calculate your winnings for you!

^ + V2076PRO-GREYHOUNDS
As Pro-Gamble, but for the dogs - Very user-friendly.

^ + V2077BOOKIE BEATER
Ever been unsure as to which selection in an event you should back? Bookie Beater allows you to bet on more than one, safe in the knowledge that you'll make the same profit no matter which one wins! Can be used for any 'bettable' event.

EMULATORS

!+ V0817A500 PLUS EMULATOR
Have amiga 500 and want workbench 2.0 then just install this disk onto your floppy 1.3 version of workbench or your HD for complete WB2 compatibility.

^ * V1178KICKSTART 3 EMU
Kickstart 1.3/3.0 emulator and decibel patch program will give you the option to have kickstart 1.3 or 3.x(as used in NEW Amigas) in your Amiga. This is much enhanced over the version that was given away free.

^ + V1336THE BBC EMULATOR
Contains commands to allow existing files to be transferred from a BBC with DFS by means of a serial cable.

^ + V1659MSDOS/AMIGADOS V2.3
This is a very interesting utility which should be useful to anyone who uses both PCs and Amigas. The tool allows you to create a directory on which you can store MSDOS commands and then they can be used through the shell as if they were AmigaDos commands. Great.

^ ^ V1868PC TASK V3.1
is the first and only software 80286 emulator for the Amiga range of computers. Transfer files between your Amiga and MSDOS. Compatible with MS Windows 3+

^ ^ V1931ZXAM v2.0
The latest Spectrum Emulator available. Basically it allows you to run Spectrum software on your Amiga. Requires the AGA chipset but does require WB3+ and a 68020 CPU or better

^ * V2059FRODO V2.0
Frodo is a multitasking freeware C64 emu for the Amiga. OS2.1 and a 68020 (or better) are required, as well as copys of the original C64 ROMs, which are not inc.

OFFICE & PRINT

^ + V0575HOME BUSINESS PACK (6)
QED, Text editor. Text Plus 2.2E, Word Processor. AZSpell, Spell Checker & Dictionary. BBase, A Database program. DATA EASY, Another database. BizCalc, Loan calc. LCD, Calc. SPREAD, Spreadsheet. Budget, Personal Finance. UNITS, Various conversions. CLERK, Small business accounts. SUPERDUPER, FLASHERCOPY, Copier's. TYPIST, Typing Tutor. BOOTX, Virus Killer. SYSINFO, System analyser. DOSMANAGER, Directory program. FONTLIST, FONT MANAGER, Utilities. PRINT STUDIO, Printing Tools. (6 disks)

^ + V1114PRINT LABELS UTLS
Includes various programs like DOC DUMP v2.1, ENVELOPE PRINT v1.20, INLAY MAKER v1.4, MC MASTER v1.1, BANNER v1.0, LABEL PRINT

^ + V1279PRINT A CARD
Want to print a business card or any other type of card then this is the software for you.

^ + V1222PANASONIC STUDIO
The PanaPlus driver is a software for controlling printers with the Commodore Amiga personal computer.

^ + V1236INVOICE PRINTER
invoice printing that we help aid any small business.

^ + V0928LITTLE OFFICE
Its the all rounder do everything, all knowing, all seeing?? Well lets just say its very good.

^ + V1179FILE-O-FAX
was designed to enable computer operators to be able to work at their leisure without worrying about forgetting those important meetings,what they had to do on any particular day or locating business colleagues tele no's.

^ + V1467AWARD CONSTRUCT
A very handy tool for creating your very own awards and certificates. There are many styles, fonts and graphics to choose from. could also be used to make small posters, signs or leaflets. Easy to use and very effective.

^ + V1069PRINTER DRIVERS HP
Deskjet 550 colour driver, Deskjet 500, Deskjet 500c, Ricoh HP1200 400dpi, Canon LBP, Canon BJ300, BJ130, BJ10e, Canon_48, Canon PJ 1080a, HP Paintjet.

^ + V1278MAIL-O-DEX
An excellent way to keep names, addresses, Phone numbers, comments etc and then print out labels loads of them in 1,2,3 and 4 columns.

^ + V1044FANCY PRINTING
BANNER v1.4, GRAPH PAPER v1.2, DISK PRINT

^ + V1357CITIZEN MANAGER
The Citizen Print Manager has been designed in conjunction with Irsecsoft.

^ * V1051EASY CALC PLUS
is a spreadsheet designed to be both easy to use and fast. If the program looks nice, that wouldn't to be had either. Unlike other software where the author writes the program first, then bolts on a help system, I have designed the help into the program from the beginning.

^ + V1184AMIGA DIARY
Amiga Diary is a mouse driven diary capable of storing all personal events and the perfect solution to all those forgotten birthdays, missed appointments etc.

^ + V0366600 BUSINESS LETTERS
Over 600 Standard business letters on this disk. Can be used as they are or insert parts into your own letters

^ + V0782FORMS UNLIMITED
Designed to help you design and print different forms. There are a wide number of options and controls which allow you to draw simple boxes, lines, etc in order to create forms for many different purposes. Good.

^ + V0390AMIGA FOX DTP
The first amiga PD Desk Top Publishing program. Excludes various extra features over the old Word processor, Test Editor, Graphics editor and loads more.

^ + V1680AWARD MAKER 2
This is a very good tool for the creation and printing of Awards and certificates. There are hundreds of types to choose from then you can choose a font a border and also some of the text etc. Very good results.

^ + V1751PRINTER DRIVERS
CANON600 v2.0: EPSON FX 850 v1.0 & LX 800, HP4DRIVER v35.8, HP4LSETTER v2.01

^ + V1858DB V2.5
Small/fast database program that I wrote after having tested numerous other PD database programs and always found something lacking or irritating me. They might have dozens of features not found in db, but they lacked font sensitivity and a standard GUI look & 3.0

^ + V1862INVOICE DATABASE V2
Intra is a rather simple, but therefore easy to use database program that was especially designed to deal with invoice information. Everybody, as we like it

^ + V1865LEGAL FORM GENERATR
Generates custom do it yourself legal forms. Database includes forms useful for EVERYONE, plus specialised forms for real estate, small businesses, landlords, employers, etc. Can save you THOUSANDS.

^ + V1995BEGINNERS TYPING TUTOR
This is by far the best typing tutor for years I have seen on the Amiga. It is worth every single penny. It consists of two games, one is called the letter game and the other one is called the word game. On the word game you have to type a word in before the timer runs out. A must for all typers.

^ + V2003REM DATE V2.0
Rem Date is a calender, reminder and filesfax all in one. I found it quite good to use and would definetly buy the registered version which is availble from the author.

^ + V2019TEXT ENGINE v3.0
Allows you to make your every own letters and documents then print or store then on disc.

3D & GRAPHICS

^ + V1247TEXTURE MAPS (ABC)
A collection of textures for use with the any program that will take high res textures.

^ ^ V1554IMAGINE BUDDY (AB)
Here's some features of the new interface: Draggable and Sizeable text and index windows - Button Gadgets for the Search and Move functions Improved Searching The text is now positioned at matching hypertext links and all matches are highlighted for visibility.

^ * V1229MAIN ACTOR V1.53
This is an all round animation utility that will create, playback, time and edit animations of any length or format (including graphics cards). Very good. (AB)

^ * V1811IMAGESTUDIO V2.0 (AB)
is written for the casual graphics user who wishes to convert or manipulate various graphics formats on a modest Amiga system. There are several commercial offerings available, however the casual user is paying a lot of money for many facilities and options they would probably never use.

^ * V1891IMAGEDESK V1.6
is a program to catalog picture directories by generating small representants of the pictures, so called thumbnails.

^ + V1907POVRAY RAYTRACER
Renders in a window on a public screen (even Workbench) with colour sharing. simple HAM/HAM8 support autodetects Cybergfx Screen and renders in direct Colour (15/16/24Bit) if possible.

^ + V1916XFIG V1.2
This is an Amiga port of an X11 structured drawing tool that lets the user interactiely create and manipulate on objects such as lines/circles rectangles/splines/text and other elements. Xfig can produce output in several different formats: Encapsulated PostScript, IBMGL (HP/GL), Pic, PiCTeX, LaTeX, box, epic, eepic, eepicemu, textyl, tpic, X11 Bitmap, X11 Pixmap and gif.

^ + V1922REAL 3D V2.X OBJECTS
Objects are pretty large in size, espessially the 4 cylinder engine, you might run out of memory pretty fast. My Amiga 4000EC30 + FPU is now equipped with 18MB RAM, and I can now raytrace all of my objects.

^ + V1925SPACEDOCK STATION
* 1.3Mb, so you'll need a healthy chunk of memory. * No Slicing was used in modelling, to keep things as small as possible. * Space Doors open using the new States function. * Marquee of Space Door lights.

^ + V2042RAY STORM v1.11
Fast raytracer with many features

^ + V2047SVIEW v5.10
SuperView V5.10 + Library 12.2

^ + V2057IMAGINE OBJECTS 1 (AB)
Contains a selection of objects and extras for Imagine - BLOBS_PRJ - Project to generate a blob animation. DAN_CLASSICAL - An Imagine 2.0 model of a classical guitar. DAN_ELECTRIC - An Imagine 2.0 model of an electric guitar. EAGLE_OBJECT - Eagle Freighter object for Imagine. MANGABABESDEMO - Sexy female human 3D models by Tomwoof. PZKPFWIV - Imagine Object of WWII Mark IV Tank. T65_X_WINGFULL - Large, Detailed Imagine 2.0 X-Wing object.

^ * V2065IFF256 720*460, CHIPS, DISKS & FLOWERBED
IFF256 720*460, Chips, Disks & Flowerbed - Use as backgrounds with Scala or Euro-demos where text is put on top of a background/wallpaper etc.

^ + V2066IFF256 720*460, GRAVEL, JEANS & WOODFENCE
To use as backgrounds with Scala or Euro-demos

^ + V2067IFF256 720*460, PENNYS, SAND & SQUARES
To use as backgrounds with Scala or Euro-demos

COMMS

Why not check out our BBS (0181) 2510078 or email - coming soon web pages.

^ * V1745TERM V4.2 [030]
latest version of this very well known comms terminal program. Version 4 has even more features and although it is not for beginners it is probably the best available.

^ + V0979NCOMM V3.0
Is a comms program based on Comm v1.34 with lots of very nice enhancements. Has new functions over v2.0

^ * V1722AMIGA TO PSION S3/A
is a implementation of the Psion link protocol which is e.g. built into the Psion S3/S3a ROM. It's main purpose is to provide vice versa nfs like file access.

^ + V1852FINALFAX 95
This is one of those arexx macros which are very handy for automating the more tedious jobs on your Amiga. This one allows you to select options for GPFax from within Final Writer. That means that there is no need to switch from Final Writer to Workbench.

EDUCATION

^ + V1079KEYBOARD TRAINER
This program only concentrates on basic keyboard skills, and is in effect, still a Beta Version, I think you will find it a vast improvement on most so called tutors.

^ + V0793AMIGA BEGINNER
You asked for it! A tutorial for the beginner on using your amiga! Covers the CLI and Workbench, its great for learning about the Amiga. Also contains numerous beautiful 16 colour icons for WB v2.04.

^ + V1845DPAINT 4 BUDDY (AB)
Will teach you how to use Dpaint 4. It works by running along side the well known paint package providing hands on demonstrations of the various features. It is a very good way of learning a program so you want to learn DPaint then this System is one of the best ways.

^ + V1881AMIGATRAINER
very powerful & flexible program to learn foreign languages. You enter the words yourself, so they aren't related to any special language, school or book. every word there are 2 additions to enter.

^ ^ V1897GEOGRAPHICAL ATLAS
AmiGlobe is a geographical atlas that allows you to navigate in the world map, zooming everywhere, get country data, etc. Requires 2Mb of RAM. (AB)

MUSIC

^ + V1269THE OCTAMED TUTOR
Welcome to the Octamed Tutor, a simple guide through the basics of this excellent music program.

^ + V1207OCTASTUFF
Welcome to OctaStuff, a disk based around work with OctaMED 3 and 4.

^ + V1882ART OF NOISE TRACKER
NEW tracker, NO ProTracker Clone!, 8 channels, fm synthesis, drum sequencer, wave table synthesis.

TIPs, CHEATS

^ + V1416EYE OF THE BEHOLDERS
This disk contains a selection of utilities and software for Eye of the Beholder II, like end of level saved game file, Eye of Beholder 2 special quests explanation, EOB2 Character Editor, Eye of the Beholder Solution, GIF pictures of all 12 levels in Eye of the Beholder.

^ + V1363RPG. ASSISTANT
AD&D play time dungeon master's assistant. The version you see here is a pre release of the program in AmigaBASIC. Right now it will take characters in a text file and load them in to be displayed at will. It also rolls dice and has a handy dandy encounter screen that will keep track of monsters & their current HPs

^ ^ V1687(AGA) FIXES VOL 1
This program disk will help AGA machine users get some added compatibility out of their older software. Don't forget many supposedly incompatible programs will work on the AGA machines by suitable adjustment of the boot options. (Hold down both mouse buttons).

^ + V1773ACTION REPLAY CHEAT
This disk has on it a text file which contains loads of codes for those people who have action replay devices. There are cheats for hundreds of games. Good.

^ + V1848DIY REKO
This disk has on it an Arexx macro which, when used in conjunction with ImageFX, will make reko cardsets for Klondike AGA almost automatically. Also included is a detailed Amiga Guide document explaining everything.

^ + V1468GAMES HD INSTALL
This disk provides you with the software needed to install certain games onto your A1200. The games that this disk can install are BodyBlows, Goal, Lemmings 2, Superfrog, and Walker. Could be very useful.

^ + V1662HD GAMES INSTALLER 2
Contains a variety of hard disk installer's for a few well known commercial games. These games are as follows: AlienBreed 2 AGA, Jungle Strike, Assassin (Special Edition), Body Blows, Goal, Ishar 2, Zool 2 AGA, Ruff and Tumble, Body Blows 2 AGA, StarDust, Super Frog, Walker, Rise of the Robots, Bubble and Squeak, ElfMania, Aladdin AGA and Motal Kombat 2. Great.

^ + V1885NEW HD INSTALL
Hard Drive Install scripts for 3 games, Beneath a steel sky Flashback King's Quest VI. New updated version (small bugs fixed from last version).

^ + V1988DUNGEON MAPPER V0.3
This is the first version of something called Dungeon Mapper. It will work on Workbench 2+. It allows you to design your own maps for games like Dungeons and Dragons which can be very usefull. It also has Tetris on it if you boot it from Workbench.

^ + V1994CHEATS COMPILATION
This disk is a demo which gives you a taster of what you can have if you buy the regestered version. The demo gives you a choice of about 15 games to chose from.

^ + V2040SW CHEAT v4.5
Over 950+ game hints/cheats.

^ + V2041F1GP Ed v3.03
Formula One Grand Prix / WC Editor & F1GP-Ed non-english translation files & Track data for GPDisplay

^ + V2056TREK-THE GUIDE V1.6
Trek-The guide is a complete Star Trek Database. It contains a listing of all the Trek series' complete with an episode synopsis, original airdate, Director and Writer Credits and Guest stars. It also includes a section on very rare promotional press kits and values of them. There are cross references to episodes with you favorite aliens, time travel, and much more! Much of the information was supplied by Paramount. The full version (7 disks Shareware) contains over 170 rare promotional pics. Sorry: Contains the 1st seasons of the Trek series'.

VIDEO

^ + V1196DESKTOP VIDEO
Dot Matrix Stroller. Is a video titling program intended for use in adding scrolling captions to video's. Flood Effect loads an IFF picture and displays it with a Oflood effectO so that is floods the screen.

^ * V1156VIDEO TITLER
Generates professional looking TV titles and credits for your own video's.Outstanding abilities are very smooth scrolling, colour slides (AGA support)and usage of colour fonts. Limited demo version only.

GAMES

^ ^ 4431 BEST AGA TETRIS
Best pentamino tetris, graphics, musics, 100% assembler

^ + 4434 BLACKDAWN v2.1
3-level Dungeon Master style Alien Breed:- charge around the maze levels, shoot lots of aliens, find the lift & move on. but do it in 1st person perspective view.

^ + 4442 SCORCHED TANKS V1.85
The awesome artillery tank game. This one contains loads of goodies like 70 weapons and 13 shield types as well as new goodies.

^ ^ 4449 PSSST
This is a 1990's version of the old Spectrum Classic PSSST Main features include: - 256 Colours. - Real Time frame rate. - No C code !!!! (I Hate C) - Nice end of game sequence. - Three Levels of play (Slow, Normal, TURBO NUTTER), No Spam.

^ + 4451 LAST LAP
is a car game for one or two players. It is excellent in two player mode. There are about 10+ different tracks for you to race around. Some of them are quite easy at the start but as you go on they get a lot harder. On the tracks they have these squares which if you drive over it shoots you on even faster they you are already going.

^ + 4452 SPELL TRIS
Tetris style game but the main difference is you use letters instead of just shapes.

^ + 4454 BATTLE TRUCKS
is a one or two player game in which you choose your own truck and then buy it. You can add nitros, new motors or even buy a brand new truck with your winnings from your races.

^ ^ 4457 SCREECH V1.5
This demo ame offers you the oppurtunity to run anything smaller than your car over! Improved graphics are on the way (whoopee)!. Req 020's with 1MB chip ram and .5MB fast ram or 030's with 1MB chip ram or 700kb chip ram and 300 kb fast RAM.

^ + 4459 SUPER EARTH DEFENSE V1.5
is a classical shooting game.

^ + 4462 XASTEROIDS
This is a 'port' of xasteroids, an X11 application. No X11 server (DaggeX or others) is needed to run the program! This program is using libX11 by Terje Pedersen! You don't need this either since it is a link library that is compiled into the binary.

^ + 4463 BOULDERDASH 64
A complete OS-friendly (multitasking) Boulder-Dash with C64 graphics and sounds. 68020+, AGA only (DblNTSC required), KS V39, asl.library, powerpacker.library. Smooth scrolling 1275(!) original C64 levels+sounds, Cheats, Joystick and keyboard control, User definable games and levels, two player game.

^ + 4464 BREAKIN' BRIKS V1.0
Great version of the very cool Breakout type game. For AGA Amigas only. Works with 2Mb CHIP memory! - Improved performance with FAST mem. Great GFX.

^ + 4465 CHAMPIONSHIP MANAGER EDITOR V2.4 68020+
This is the first public release of Championship Manager Editor (CmEd). It was written because we had played the game to death and were looking for a way of putting some interest back into game.

^ ^ 4466 DPACMAN AGA
15 levels and 5 bonus levels. The registered version has 50 levels and 15 bonus levels and extra gfx and other improvements. Features: Can use external Protracker modules and XPK for packed modules.

^ + 4467 JOUSTER 3
If you haven't heard of the good old favorite, Joust, then you're a pretty young or fairly old dude. :) Anyway, this game brings Joust to the Amiga and also has improvements such as powerups, etc. You can even have a pterydactyl as a steed. For 1 or 2 players. Check it out.

^ + 4468 PATCH LEMMINGS 2 TO RUN FROM HD
Patch to allow Lemmings2 to run from hard drive.

^ + 4469 CRITICAL HIT
is a highly detailed fantasy combat game, which re-creates tabletop war gaming on the Amiga (requires 1 MB RAM). A strategic war game with excellent graphics, 3 D landscapes and a wide variety of fantasy combat figures and scenery - Campaign and map designer.

^ + 4470 PANIC SOCIETY V1.1
Hillery & her friends have taken total control of the world. as one of some 10 million people left, scheduled for trandering to the country of your origin. But, someone has tampered with your environmental control causing you to awaken from a mind controlled state.

^ + 4471 BRATWURST
A Roketz-like game for two to four players. Automatic zoom keeps all players in view in the least possible area, vector graphics.

^ + 4472 CULTURE TANK
A single screen tank combat game with up to 6 tanks, which may be human or computer controlled. Team or all-against-all modes. 3 types of weapon including missiles and flamethrowers.

^ + 4477 WIZZYS QUEST
is the best PD platform/puzzle game I have EVER played, so despite its bugginess (see below) I thought I'd upload it to Aminet. Wizzys Quest has 50 levels, getting progressively harder.

^ + 4478 BIACCOARCHIVE! V1.0
Nibbler arcade clone by Maurizio Facca.

^ + 4479 BOB THE AMAZING LEMON
Amazing Pac Man clone which features a level editor, changeable music and many different wall and floor types including appearing walls, ice and water.

^ + 4484 REBELLION
is a very good shoot em up. You are a little spaceship which travells around space trying to pick up little aliens and destroying all the missles that are coming at you.

^ + 4485 LEGEND POUNDS ISLAND
Here we have an adventure game. Half graphical, half text based this game is played almost entirely using the mouse. Sprites backdrops with objects to examine or use

^ + 4486 MASH
An excellent game. You choose to control either a Spud (a potato on legs!) or a Tank. You then need to tackle a whole load of obstacles in order to get the enemy on the other side. Great graphics, great sound an allround classy.

^ + 4488 PSYCHEUAL
An Alien Breed clone. You are a bloke with a machine gun who has to run about each level shooting other people and aliens. The level graphics are good and show a lot of detail plus the gameplay is not too easy either.

^ + 4552 H.E.R.O
Something is going to happen. A big interactive event is going to take place. We are about to release a game which we had to miss for a long time now (too long if you ask me!). Coming soon is an Amiga version of the old Activision game H.E.R.O. And that's not all. You can be a part of its release.

^ + 4553 ARMORED COMBAT EDITION
Full version of pete w storonskij's mangled fenders: Armored Combat Edition! Drive tanks from six different countries in a demo-derby game with weapons! This FULL VERSION is freely distributible, as long as all files are intact and present. Uses Memory Conservation Protocols to make sure the game will run on low memory

^ + 4554 BLOODFEST
Captive & HiredGuns style 3d adventure

^ + 4555 TRAIN DRIVER SIM V1.6
Profile chart generated in real time showing next 10 miles - Fog, in addition to Dry/Wet - visibility 100 yards, very slippery rail - Data updated and more crossovers added between Crewe and Carlisle - Key press detection improved - Now creates timings for any custom train : If, on the Startup screen, you type in a different Code from the built-in trains in the Save drawer, and then set all other parameters, and then click OK, the program will look in 'Trains/' and see if a file exists for that train.

^ + 4556 ZHANDULINHELMI ADV
A Finnish text adventure with some graphics and athmospheric music

^ + 4557 POWEROIDS V1.2
Multitasking Asteroids, raytraced gfx, 1-4 Players.

^ + 4558 INTMERCS
Rebelstart type strategy game. Requires 2MB. For one or two players. Complete with four scenarios.

^ ^ 4559 WORMS MAPS
These are a buncha maps me and my flatmates made for the amiga version of worms... Descriptions as follows :- TUNNEL.WRM Underground warfare. ISLANDS.WRM Ninja Rope-tastic!. SCREAM.WRM Version of pic i found on AMFormat Gallery. TRIPINTOWAR.WRM Wierd, spacy theme, with shafted palette (Was called NECROMUNDA.WRM in previous release). NECROMUNDA.WRM Ohh..You'll LOVE this one. BEN2.WRM Another shafted palette. But kewl though.

^ + 4560 DUNGEON HERO
Fantastic RPG like Dungeon Master

^ + 4561 ELDRITCH V1.35
Top-view adventure hack-and-slash.

CODE REFERENCES

^+ Works on all machines
^* Req Workbench 2.0 or above
^^ Req Workbench 3.0 or above
(ABC) Product has ABC disk (ie, three)

Disk Prices

Minimum Order 5 Disks

5 Disks For £10 + £1 P&P
10 Disks For £17 + £1.43 P&P
15 Disks For £21 + £1.43 P&P
20 Disks For £25 + £2.45 P&P

Pay By Credit Cards, Cheques, Postal Order's, Euro Cheques & Switch * All Prices include VAT * All phone Orders sent By 1st Class Post the Same Day



CATALOG DISKS
FREE WITH EVERY ORDER

ORDERING INFORMATION

The disks contained within this advert are Public Domain or shareware unless otherwise stated. Please remember that the cost you pay us is only for the duplication and handling costs incurred. not for the programs contained on the disks and that the programs are not free they are shareware. If you like it register it. Some programs are cut-down version of the full programs or time related demo version or freeware. We do not sell the software contained on these's disk.

NEARLY DOUBLES THE SPEED OF THE A1200

CLOCK CARTRIDGE

Our unique and highly rated external Clock Cartridge will enable your Amiga to continually store the correct time and date in its own battery backed memory.
Simply plugs onto the back of the Amiga and does not invalidate the warranty.
Compatible with ALL Amigas



ONLY £19.99
(plus £1.00 postage and packing)

MEMORY EXPANSIONS

A1200 trapdoor fitting memory expansions feature a battery backed clock and a socket for an accelerator FPU.



2mb £99.99
4mb NOW ONLY £134.99
8mb NOW ONLY £259.99

DISCOLOGY

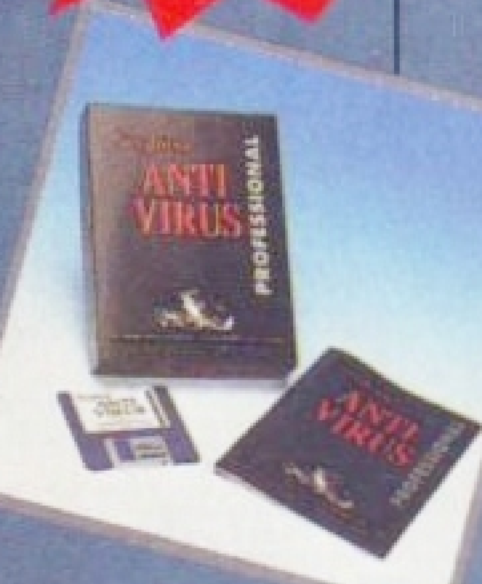


Discology is the ultimate in disk copying power for the Amiga. The package comprises the Discology Disk, manual and Discology cartridge for making copies of heavily protected programs with an external disk drive. Discology will also format disks, check disks for errors etc.
PLEASE PHONE FOR A FULL INFORMATION SHEET

AMAZING SPECIAL OFFER

£19.99 EACH OR BUY BOTH FOR £24.99

ANTIVIRUS



Anti Virus Professional is the most powerful tool for detecting and removing viruses. Anti Virus pro will check and device hard drives, floppy disks and *even CD ROM drives* for viruses. Very straight forward to use, includes a full 50 page manual.
ORDER NOW BEFORE A VIRUS DESTROYS YOUR SYSTEM !!!
PLEASE PHONE FOR A FULL INFORMATION SHEET

A500 & A500+ HARD DRIVES



These hard drives simply push onto the side of the A500 or A500+ and will give your computer all the benefits that hard drives offer. The drives are supplied formatted, partitioned and have Workbench installed for immediate use.
Full instructions and software supplied.
The hard drive also has the facility to add 2, 4, 6 or 8mb of RAM inside it.

A500/+ 250mb HARD DRIVE £209.99
Additional RAM for the hard drive £89.99 per 2mb

EZ DRIVES

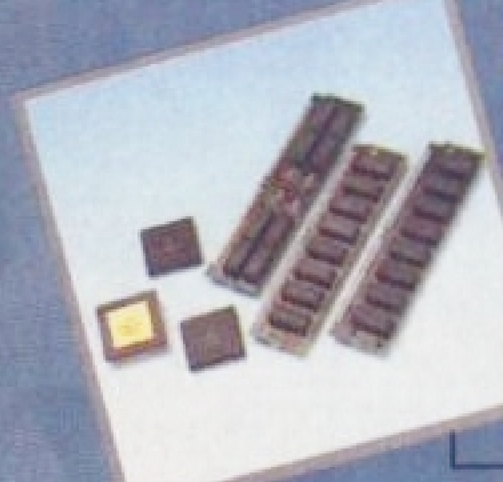
NEW FOR 1996



Incredibly fast (up to 4x faster than a ZIP drive) SCSI drive will store a massive 135mb per cartridge. Comes complete with power supply, SCSI cable, instructions and cartridge.
THE ULTIMATE REMOVABLE DRIVE

ONLY £199.99
or £239.99 with a Squirrel or Dataflyer
135mb EZ cartridge £15.99

SIMMS AND FPUS



72 pin simms suitable for Apollo accelerators, A4000, A1200 memory expansions etc.

33MHz 68882 FPU (plcc) £49.99
40MHz 68882 FPU (plcc) £69.99
50MHz 68882 FPU (PGA) £79.99
All FPU's are supplied with crystal oscillators

1mb £39.99
2mb £77.99
4mb £99.99
8mb £159.99

DATA FLYER 4000SX

NEW FOR 1996

A4000 SCSI controller expansion card that allows up to 7 SCSI devices to be connected to the A4000. Includes full user manual and installation software including CD-ROM drivers. Includes connecting cable for internal SCSI devices and rear mounting bracket with a 25way connector for external devices.

DATAFLYER 4000SX ONLY £59.99

ASIM CDFS 3.0

NEW FOR 1996

This superb package is a must for any CD-ROM user. Includes CD32 & CDTV emulation, audio CD player software including librarian features. Direct reading of 16bit audio samples, full support for Kodak and Corel PhotoCD Discs. Includes the 'FISHMARKET' CD-ROM disk packed with public domain Fred Fish disks and a huge 115 page information packed spiral bound manual.

ASIM CDFS ONLY £49.99

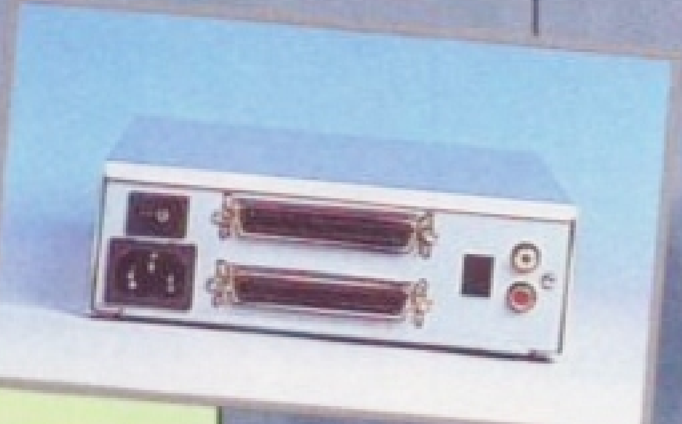
NEW

ULTRA CD ROM DRIVE



Superb CD-ROM drive system for the A1200. Fully featured, top quality drives in a top quality enclosure with built in power supply. All cables, instructions, software etc., included for immediate use. The CD-ROM interface supply plugs inside A1200 (exceptionally easy to fit by anybody) and provides a connector in the blanking plate at the rear of the A1200, next to the mouse socket.

PLEASE PHONE FOR FURTHER DETAILS AND INFORMATION SHEET



ULTRA 4 SPEED £169.99
ULTRA 6 SPEED £219.99
ULTRA 8 SPEED £259.99

2.5" HARD DRIVES

Our high speed 2.5" IDE hard drives for the Amiga A1200 & A600 computers come complete with fitting cable, screws, partitioning software, full instructions and 12 months guarantee. All drives supplied by us are formatted, partitioned and have Workbench (WB2 for the A600 and WB3 for the A1200) installed for immediate use. Fitting is incredibly simple; if you can plug the mouse into the mouse socket, you can plug the hard drive into the hard drive socket.



PLEASE PHONE FIRST!

FREE WHILE-YOU-WAIT FITTING SERVICE FOR PERSONAL CALLERS

FREE 'HOW TO FIT YOUR HARD DRIVE' video and Stakker disk to increase the drive's capacity with every hard drive ordered

A500 Hard Drive Interface £79.99

85mb	£89.99
120mb	£104.99
170mb	£119.99
250mb	£134.99
340mb	£169.99
540mb	£214.99

SCSI CD ROM DRIVES

MEDIAVISION 'RENO'

Double speed CD ROM DRIVE complete with power supply, SCSI cables, docking station and full instructions. Also includes stereo headphones and carrying case for use as personal CD player.



RENO CD
WITH SQUIRREL £164.99
WITH DATAFLYER £174.99

QUAD SPEED CD ROM DRIVE

Amazing value quad speed external SCSI CD ROM drive in a top quality enclosure.

NEW LOWER PRICES



PANASONIC QUAD SPEED EXTERNAL WITH SQUIRREL OR DATAFLYER ONLY £239.99

APOLLO A1200 ACCELERATORS

APOLLO 1220

Amazing power for such a low price. This superb accelerator uses a 68020 running at 28Hz and comes complete with a 68882 FPU to enable your A1200 to run at 5 MIPS (million instructions per second)! Uses standard 72 pin SIMMS and includes a battery backed clock. Simple trapdoor fitting.



LOWEST PRICE EVER

APOLLO 1220 ONLY £99.99
APOLLO 1220 +4mb ONLY £179.99

APOLLO 1240/60

68040/68060+MMU based A1200 accelerator. Features battery backed clock and a 72 pin socket for a standard 72 pin simm (up to 128mb). Fully featured, fan cooled trapdoor fitting accelerator.

NEW

APOLLO 1240/25MHz £339.99
APOLLO 1240/40MHz £449.99
APOLLO 1260/50MHz £574.99
4mb SIMM £79.99
8mb SIMM £159.99
16mb SIMM £319.99

ZIP DRIVES



Highly rated SCSI drive will store 100mb per cartridge. Comes Complete with power supply, SCSI cable, instructions and cartridge.

ONLY £189.99 or £229.99 with a Squirrel or Dataflyer

100mb ZIP cartridge £15.99

siren

No.1 FOR MAIL ORDER

No.1 FOR AMIGA IN MANCHESTER

Order NOW for immediate despatch

FREEPHONE 0500 340548
(credit/switch card sales only)

for enquiries

tel: 0161 796 5279

fax: 0161 796 3208

Send cheques or postal orders (made payable to Siren Software) or credit card details to:-

SIREN SOFTWARE,
178 BURY NEW RD,
WHITEFIELD,
MANCHESTER
M45 6QF,
ENGLAND

Access, Visa, Switch, Delta, Connect etc accepted

OPEN:

Monday to Friday 9am to 6pm
Saturday mornings 9am to 12pm

Personal callers welcome.
Please phone first to check availability of any item.

DIRECTIONS:

From the M62 Junction 17 head towards Bury. We are 50 yards on the right hand side after the third set of lights. The door to our premises is next to the florists opposite the Masons Pub.

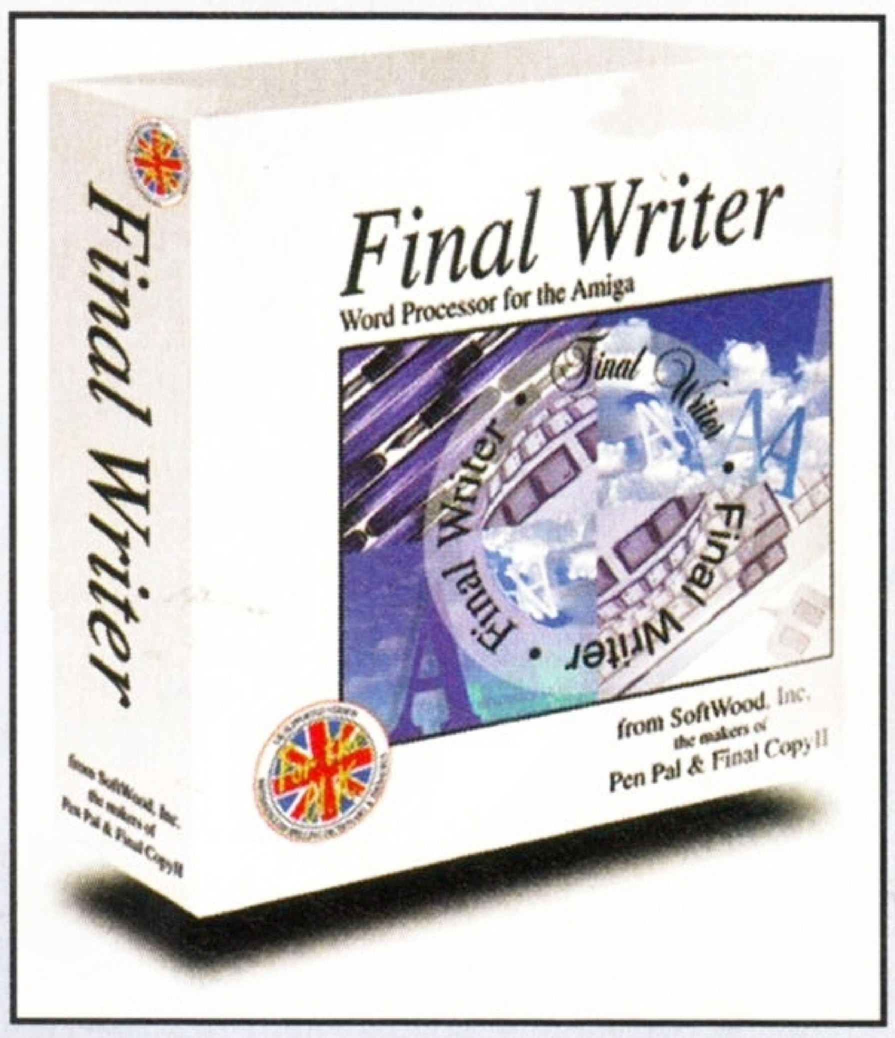
All prices include VAT. Postage and packing will be charged at £3.50 per order (U.K.), £7.50 Europe and £12.50 rest of the world.

AMIGA FORMAT CONTENTS

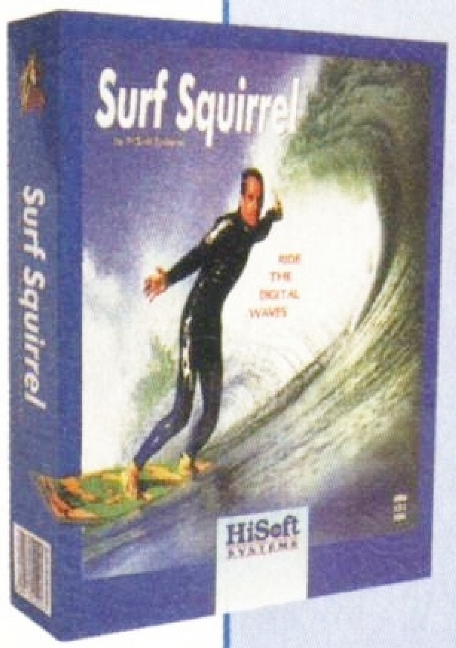
ISSUE 87 AUGUST 1996

AF NEWS

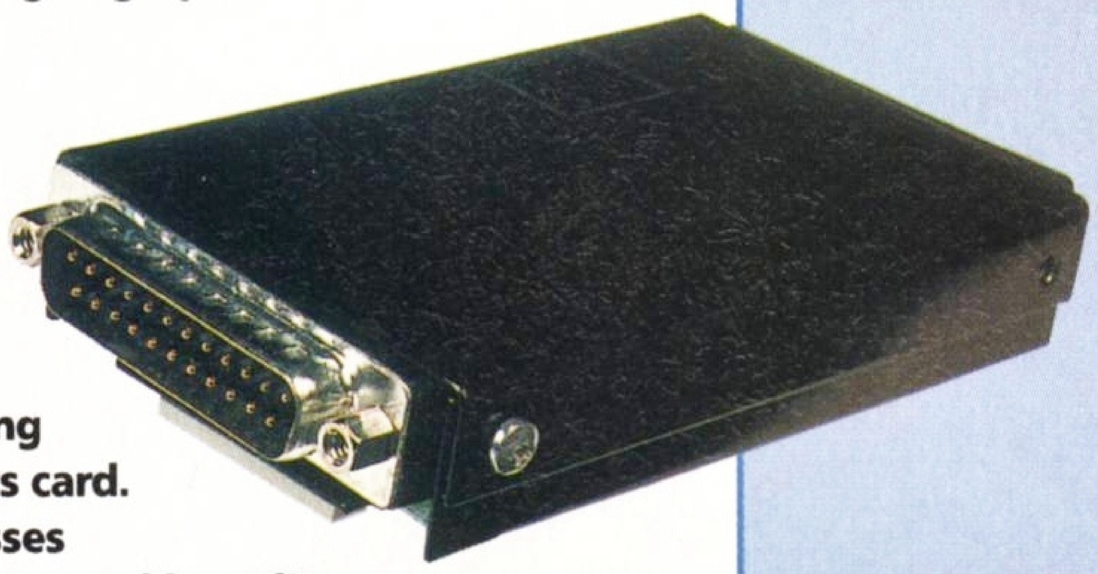




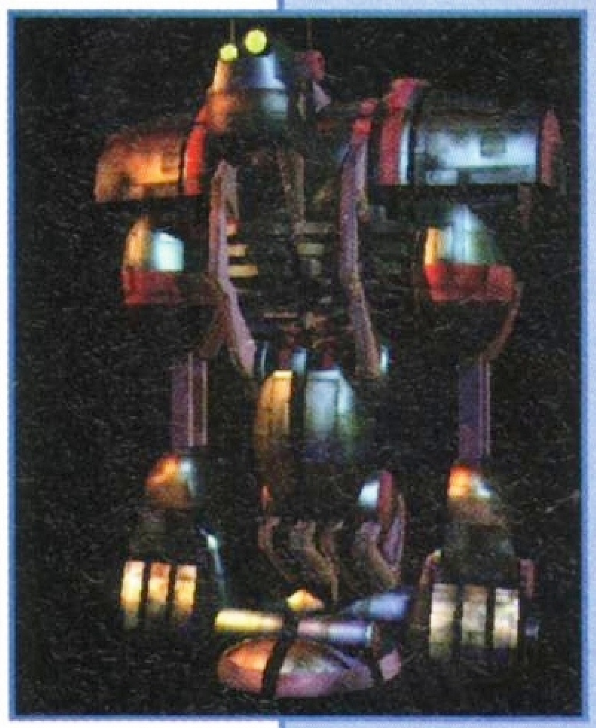
AF SERIOUS



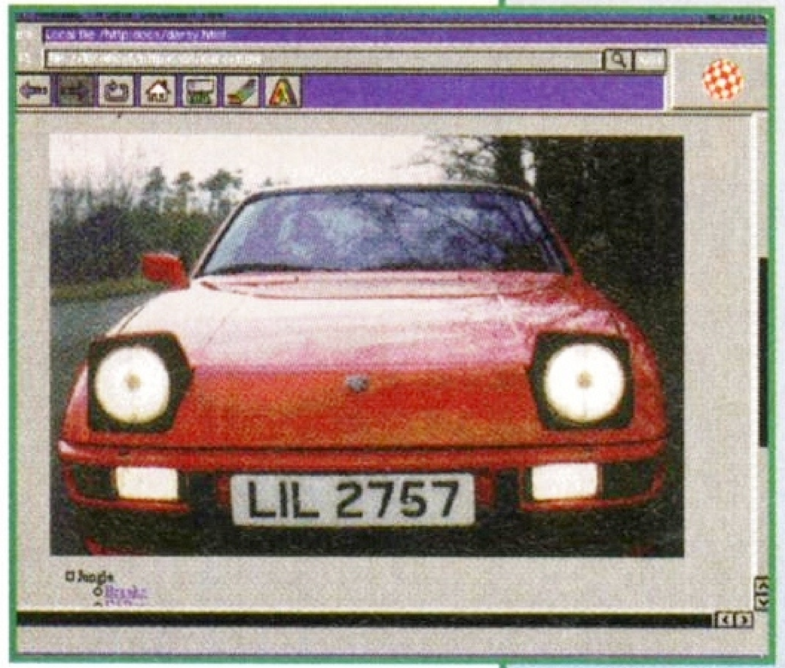






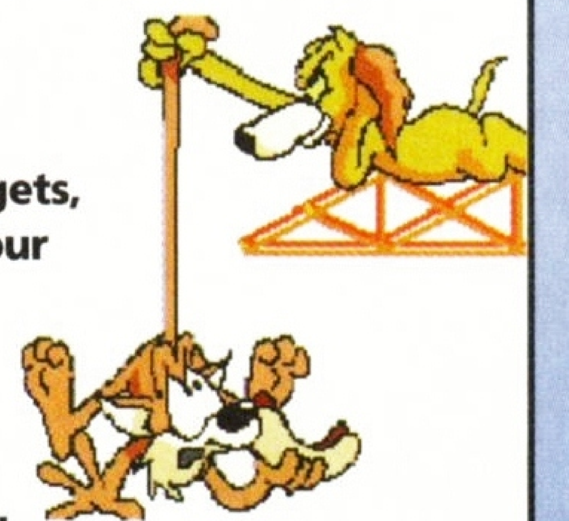


AF CREATIVE





AF REGULARS



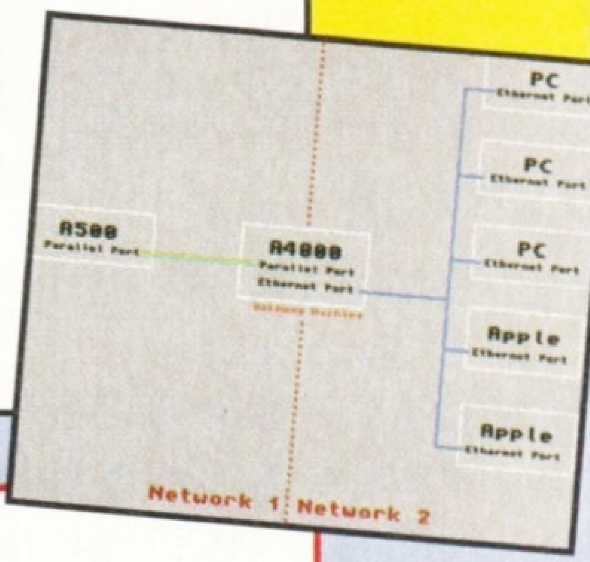
COVER FEATURE

TypeSmith

Discover how to get the most out of the excellent TypeSmith.

page 17

NETWORKING



SCREENPLAY



29

World Golf: a fave genre. Here's a look at the latest offering.



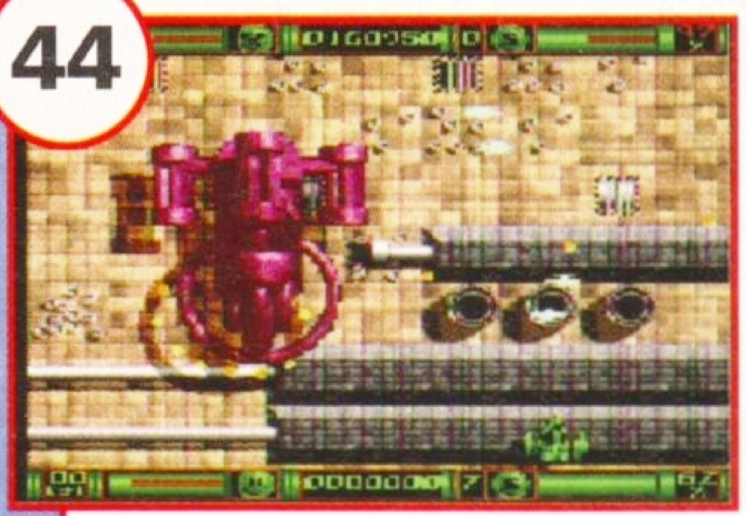
36

Valhalla: There's been a series of Valhalla's. Is this one better?



40

Reader Games: Some almost commercial-quality games.



44

WeatherMine: Hot tips straight from the makers of the games.

Coverdisks

TypeSmith



Disk A

You can create your own fonts or convert established formats with this exclusive version of TypeSmith

p110

Toyland Capers

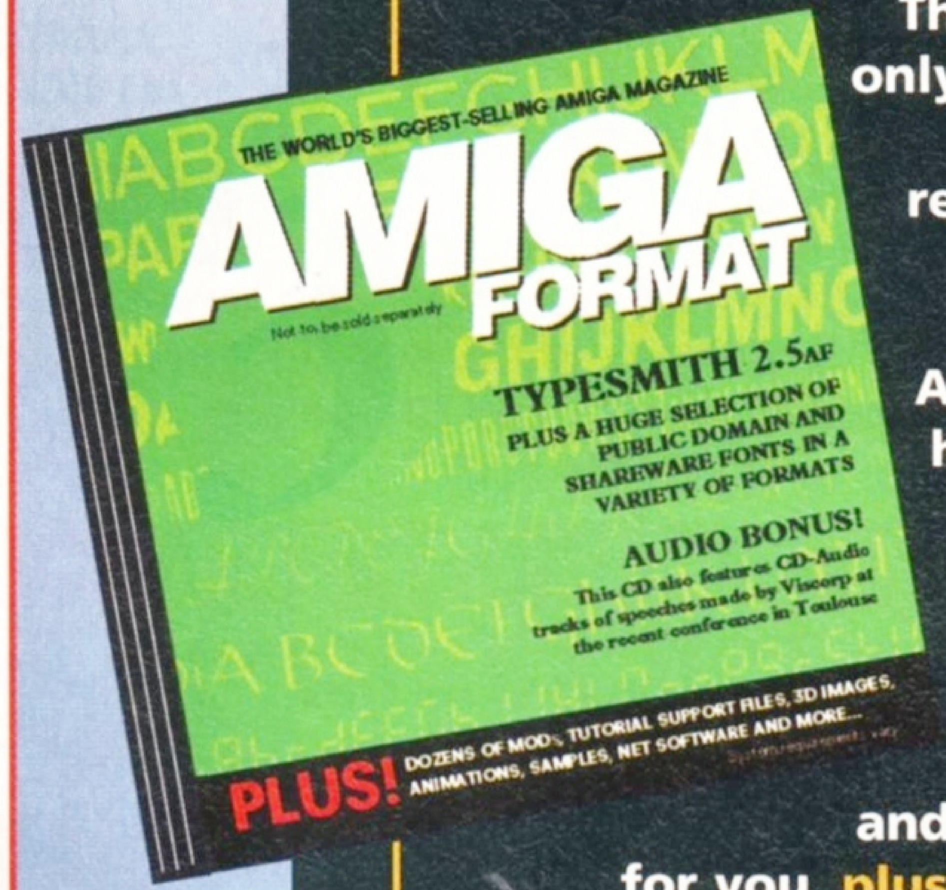


Disk B

Destroy or avoid the sweets and bears in this fun little shoot-em-up. **Plus:** Charlie Chimp and the Treasure of Tutankhamun

p108

CD-ROM



This month we not only have all the PD, pics, anims and resources that you have come to expect from the AFCD, but we also have an exclusive version of the font creator TypeSmith from Soft Logik and dozens of PD and shareware fonts for you. **plus:** coverage of the Viscorp conference in Toulouse and excerpts from the speech by Bill Buck

p112



Coverdisk Instructions

AMIGA FORMAT p108

AUGUST 1996

EDITORIAL
EDITOR Nick Veitch
DEPUTY EDITOR Ben Vost
PRODUCTION EDITOR Andrea Ball

DESIGN
ART EDITOR Linda Benson
ART ASSISTANT Cathy McKinnon
PHOTOGRAPHY Rob Scott

PUBLISHING
PUBLISHER Simon Stansfield
MANAGING DIRECTOR Greg Ingham
CIRCULATION ASSISTANT Kate Elston

CONTRIBUTORS
John Kennedy, Andy Smith, Darren Irvine, Simon Goodwin, Dale Bradford, David Taylor, Robert Polding, Julie Stuckes, Todd Anderson, Graeme Sandiford

ADVERTISING
ADVERTISING MANAGER Diane Clarke
SALES EXECUTIVE Helen Watkins
PROMOTIONS MANAGER Tamara Ward
tward@futurenet.co.uk

PRODUCTION
GROUP PROD. MANAGER Judith Green
PRODUCTION CO-ORDINATOR Zoe Rogers
PROD CONTROLLER Claire Thomas
PRINT SERVICES MANAGER
Mark Constance
AD DESIGN Lisa Withey
ADMIN ASSISTANT Cathy Rowland
COLOUR SCANNING & IMAGESETTING
Jon Moore, Chris Stocker, Mark Gover, Simon Windsor, Jason Titley, Oliver Gibbs
COLOUR ORIGINATORS Phoenix Repro
PRINTED IN THE UK BY St Ives PLC

NEWSTRADE DISTRIBUTION
Future Publishing 01225 442244

OVERSEAS LICENSES
Mark Williams 0171 331 3920

AMIGA FORMAT
30 Monmouth St, Bath, Avon BA1 2BW
Telephone 01225 442244
Facsimile 01225 732341
E-MAIL ADDRESS
amformat@futurenet.co.uk
(INCLUDE DEPARTMENT IN SUBJECT TEXT)
WWW Site: http://www.futurenet.co.uk/computing/amigaformat.html

SUBSCRIPTIONS, BACK ISSUES AND MAIL ORDER
Future Publishing, Somerton, Somerset, FREEPOST, TA11 6BR
Telephone 01225 822511, 9am-6pm
Facsimile 01225 822510
E-mail: subs@futurenet.co.uk

CUSTOMER SERVICES
Telephone 01225 822510

ABC Member of the Audit Bureau of Circulations. Registered Circulation
60,008 July – December 1995

WEATHERMINE P44
You've got the Coverdisk, you've played the game and now it's time to meet the makers. **Andy Smith** gets together with the brains behind *XP8* to see what other gems are in store





INTERNET P90
You asked and we delivered. Following the unprecedented demands for an Internet tutorial, **Darren Irvine** continues the series with a look at setting up your web browser



NETWORKING P24
The second part of **John Kennedy's** unmissable delve into the realms of networks, Ethernet and all that.



GRAPHICS CARD P64
The Graffiti card means that the Amiga is capable of producing screens using a fast chunky pixel mode made famous by games like *Doom*.



SURF SQUIRREL P58
The Surf's up. And, er, so is the Squirrel... In spite of the dubious name, this is one piece of kit that every A1200 and A600 owner will be sure to want.



MONITOR P63
Graeme has always thought he needed a bigger one, but does the M1764 fulfil his dreams?

Month In View

It has been very hot this last month, and that's not only the weather as Nick Veitch explains...

Phew! The normally bearable temperatures at AF towers have soared to almost unbearable limits, but there was nothing that could keep me out of the office. There were too many excellent new bits of hardware and software to play with!

The most eagerly awaited, from a personal viewpoint, was *Photogenics 2*. Amongst a host of new features is full ARexx support, something which all serious software should really have

The Surf Squirrel has also turned up to revitalise the office A1200 with fast SCSI access and a nice new serial port, which makes playing with *IBrowse* a whole lot easier.

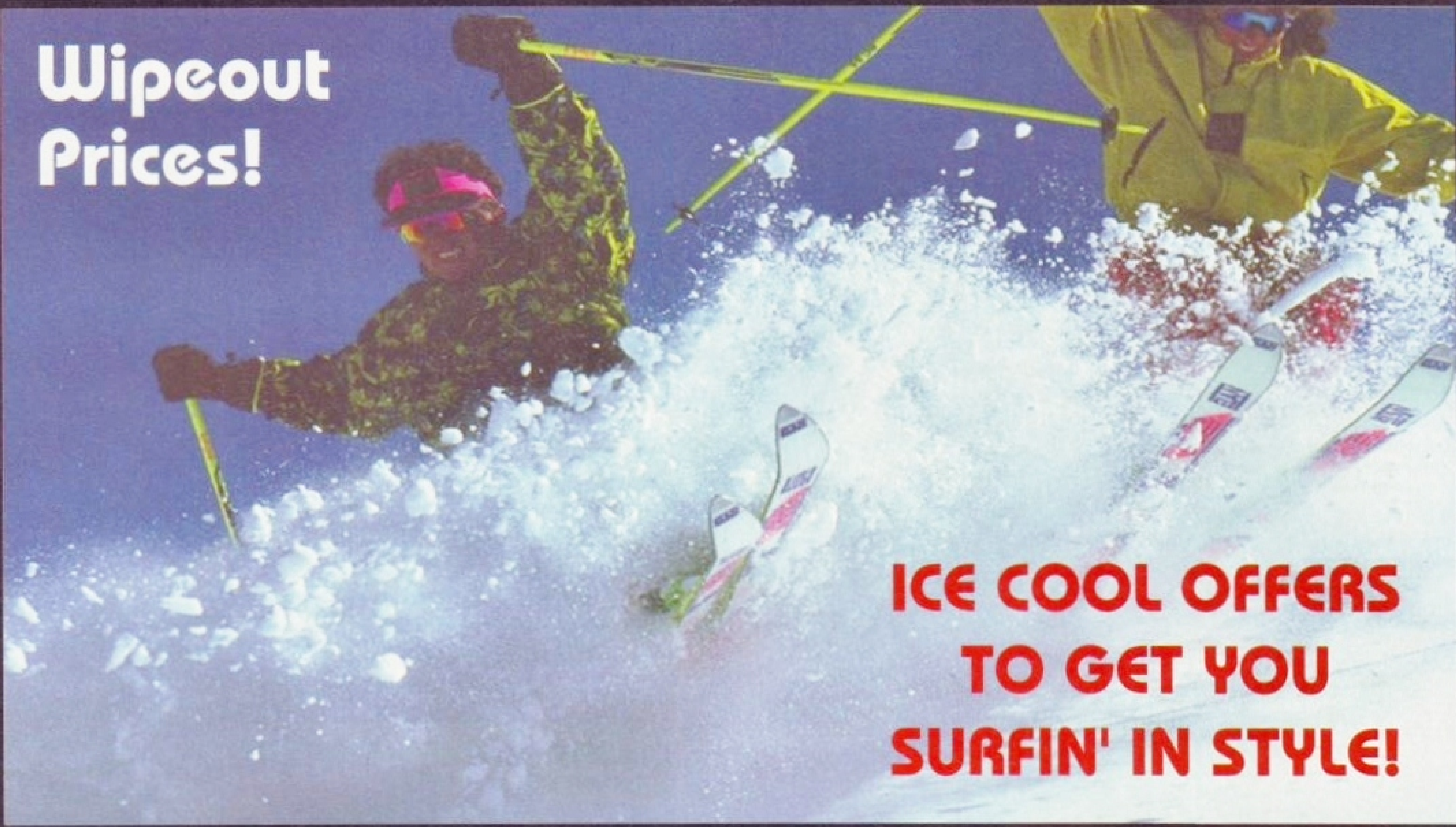
I also shouldn't forget to mention *Clarissa Pro*. Graeme and I have been waiting for this for ages, but it has finally made it into English.

On the news side of things, the deal between Viscorp and Escom has not been signed quite yet, but I hope we will be bringing you some good news next issue.

I hope to see you then, but in the meantime, enjoy this action packed issue...



Nick Veitch, Editor



Extra Value!



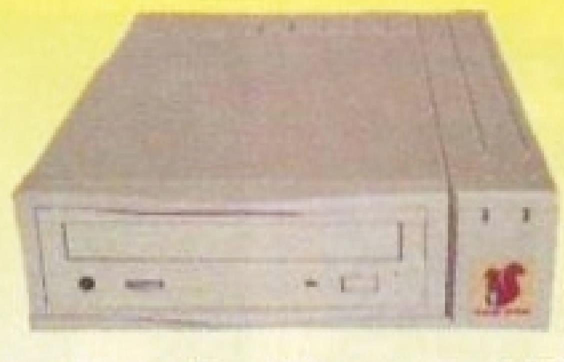
zip scsi 100 drive

The revolutionary 100Mb removable hard drive that feels like a floppy; now with 2 extra cartridges included, free of charge!

With HiSoft Zip Tools.

Zip 100 SCSI inc 3 carts	£199
inc Classic Squirrel	£249
inc Surf Squirrel	£279

SuperValue CD-ROM Packs



2.4 Speed or 4.4 Speed

Both packs include the external CD-ROM drive, Classic Squirrel interface and 2 free CD-ROMs

Currently Aminet 11 & AGA Experience

The SuperDouble Pack £189

Based on a superb 2.4-speed Sony CD-ROM, this is a tremendous value-for-money, award-winning pack.

Add £30 for Surf Squirrel



The SuperQuad Pack £249

For those that need ultimate speed and performance, this 4.4-speed pack delivers everything required.

Add £30 for Surf Squirrel

jaz SCSI Drive

- 1Gb Carts
- 6MB/sec
- 12ms access



The remarkable Jaz SCSI drive from Iomega features 1Gb removable cartridges - storage as and when you want it, at super-fast transfer speeds. With HiSoft Jaz Tools.

Jaz 1Gb SCSI inc 1 cart	£529
inc Classic Squirrel	£579
inc Surf Squirrel	£609
Jaz internal version	£469

Available in internal (3.5") or fully-cased external versions.

ENTERPRISE 288 MODEM

Introducing the brand-new Enterprise 288 modem from HiSoft. This V34, 28.8kbps fax modem is your perfect companion for super-fast access to bulletin boards, sharing information with your friends and colleagues or exploring the mind-blowing power of the Internet.

Whatever your needs, the Enterprise 288 modem will meet them and, together with Net&Web and Surf Squirrel, often exceed them!

Enterprise 288 Modem with lead	£169
inc Net&Web Internet pack	£199
inc Surf Squirrel plus Net&Web	£289

NET&WEB

The Internet… Easy as 123

1 **EASY TO INSTALL**
Installing Net&Web couldn't be simpler, just enter your login name, password and Internet Service Provider then sit back and let Net&Web do the rest

2 **EASY TO CONNECT**
Net&Web is compatible with a wide range of Internet Service Providers (ISPs), including Demon Internet, Pipex, CIX and many others. Just choose your ISP from our list and Net&Web will set up your Amiga to connect at their local point-of-presence.

3 **EASY TO USE**
Surfing with Net&Web is so easy with the super-slick IBrowse (available separately) the powerful MetaTool email program and the DaFTP program for file transfer.

Net&Web Software	£39.95

Every pack includes one month free Internet trial with either The Web or Demon Internet!

Other Products

Surf Squirrel SCSI/Serial i/face	£99.95
Cinema4D Rendering Package	£199.00
DiskMagic File Management	£39.95
Termite Comms Program	£39.95
Twist 2 Relational Database	£99.95
Aura 16-bit stereo sampling	£99.95
Megalosound 8-bit sampling	£34.95
First Steps Amiga Book	£6.99
Amiga Surfin' Book	£6.99

please 'phone for full catalogue



HiSoft SYSTEMS

The Old School, Greenfield
Bedford MK45 5DE UK
Tel: +44 (0) 1525 718181
Fax: +44 (0) 1525 713716
email: sales@hisoft.co.uk

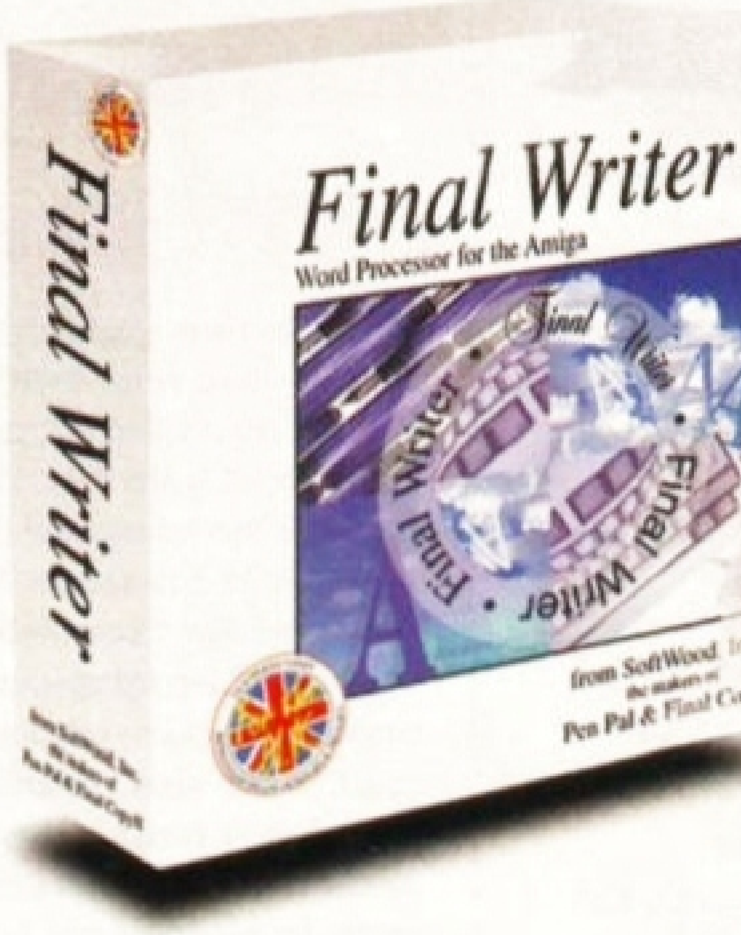
Punch those keys for free!

0500 223 660

To order any product, just Freecall 0500 223 660, armed with your credit/debit card or write to us at HiSoft, The Old School, Greenfield, Bedford MK45 5DE, enclosing a cheque/PO, made payable to HiSoft.

VISA Access Switch

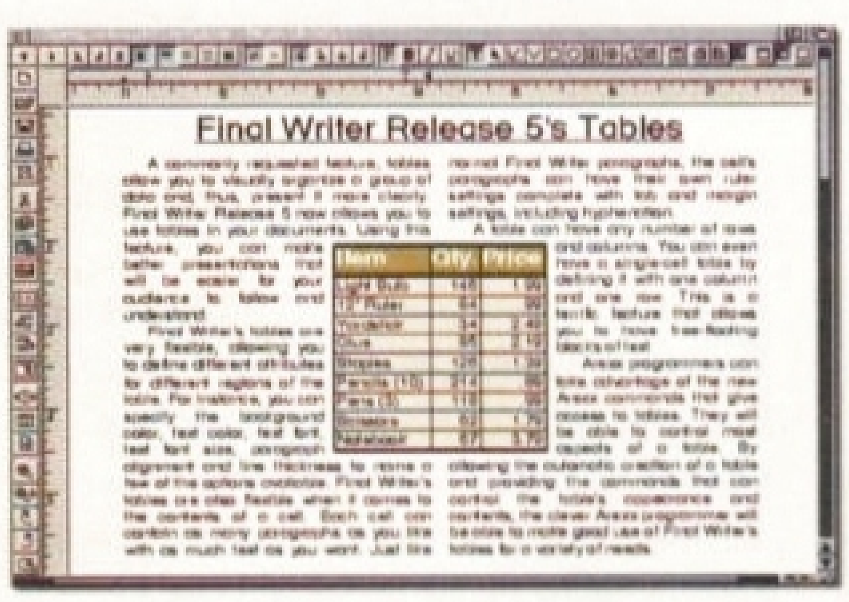
all prices include UK VAT. E&OE. © HiSoft 1996. Add £4 P&P or £6 for next day. Outside UK, please 'phone or fax for pricing.



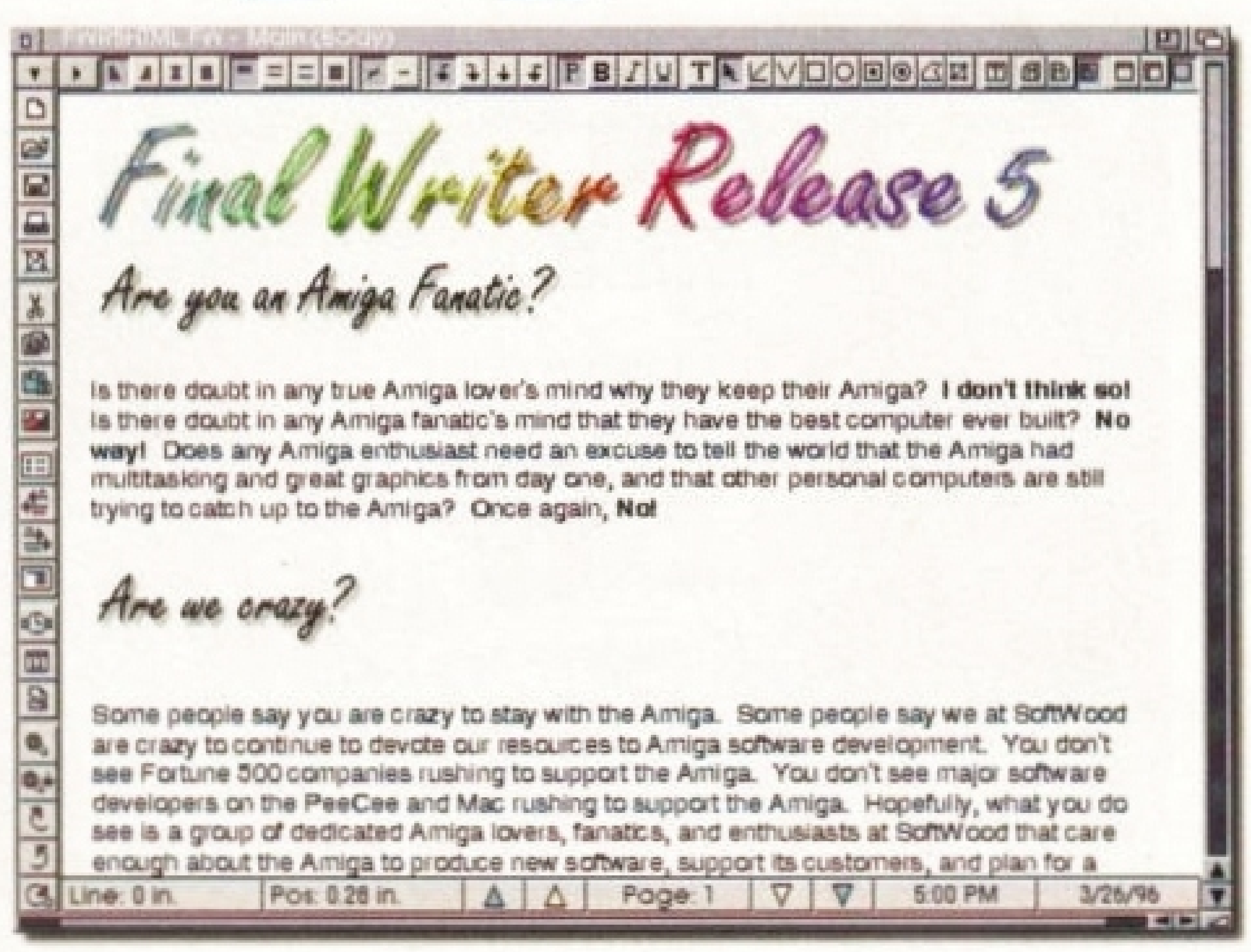
AMIGA FORMAT news

It had to happen

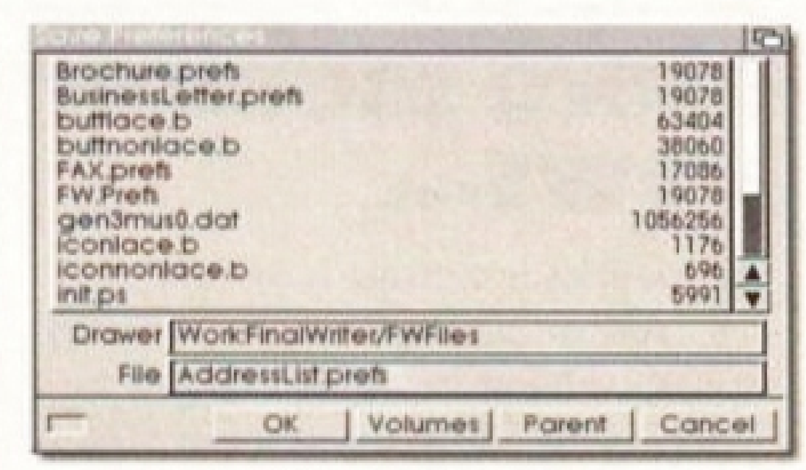
With the release of version 5, *Final Writer* could well be re-titled King of the word-pros.



Tables at last! *Final Writer 5*'s new table function will come as a welcome addition.



Looks like a *Final Writer* document, smells like a *Final Writer* document, but is, in fact an HTML document in preparation.



The ability to save preferences with documents will no doubt come in handy.

You knew it was just a matter of time. Digita release *Wordworth 5* and you know that a new release of *Final Writer* will be just around the corner. And what a release! With over 20 improvements on *Final Writer 4*, *Final Writer 5* looks set to reclaim the word processing crown back from *Wordworth*.

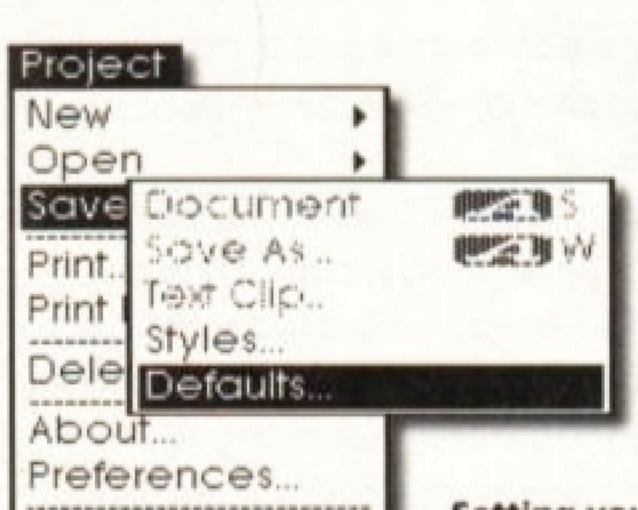
Some of the most important features include Autocorrect, where Final Writer watches what you type and can correct things like 'teh' instead of 'the' automatically. Autocorrect can also be used to replace long words that need constant repetition in a piece. For example Autocorrect would allow the user to substitute the words 'Final Writer' in this news item with an abbreviated version, such as 'fw'. Finally, Autocorrect can also amend words with two capital letters.

Tables also make an appearance at last, as do style guide compliant features such as public screens for *Final Writer*, the ability to use ASL requestors and datatype support for graphics.

Also included with this release is the ability to save out your text as HTML pages, although the press release we have does not state which versions of HTML *Final Writer* will support. There are plenty more features such as document templates, RTF import and export with font substitution, preloading fonts and preferences. Style sheets can now be saved with documents and there is now the ability to rearrange sections amongst others – all this adds to the user friendliness and power of the program.

Softwood are also offering those of you with an Internet connection the chance to make full use of the HTML saver for *Final Writer* with an invitation to take space on their web server for a mere £35 per year. This offer only applies to people purchasing or upgrading *Final Writer*, so make sure you've got your wad ready.

For the full story on version five and more information about the Internet offer contact Softwood Products Europe on 01773 836781.



Setting your own standards is always a useful feature.

"This oddly hairless little critter is actually a rather cunning SCSI Interface."

Graeme Sandiford reveals all.

SURF SQUIRREL PAGE 58

More monitors from Taxan



TOP: The TCO-S with built-in speakers and RIGHT: TCO-LR. Both types of monitor support the most stringent European regulations.

Taxan have launched a new series of 17" monitors onto the market. The Ergovision series comprises the 730 TCO-S, 740 TCO-S and the 730 LR and 740 LR. Both 730 monitors have a dot pitch of .28mm and are capable of displaying a 1024 x 768mm screen at 85Hz.

The 740 models have a finer dot pitch at .26mm and will also support the 1024 x 768mm resolution at 105Hz. Both TCO-S models come with built-in speakers and microphones making them ideal for use as multimedia monitors, although all the monitors mentioned have a minimum scan rate of 30kHz making them unsuitable for direct connection to an Amiga that isn't equipped with a suitable graphics card or scan doubler.

Taxan state that the RRP for the models is as follows, with estimated street prices in brackets afterwards:

730 TCO-S	£679 (£496)
740 TCO-S	£809 (£590)
730 LR	£649 (£474)
740 LR	£759 (£554)

EMC go on safari

EM Computergraphic have revealed their intentions of producing a limited run of Computer Safari font gold CDs. These CDs will contain the complete Computer Safari font collection including the very popular "Star Trek"-style fonts, Egyptian hieroglyphics and mathematical symbols. In addition, the CD will also contain several brand new fonts not previously available. The fonts on the CD will come in Adobe type 1, Compugraphic, True Type and Amiga bitmap formats ensuring they'll be compatible with whatever program you choose to use them with.

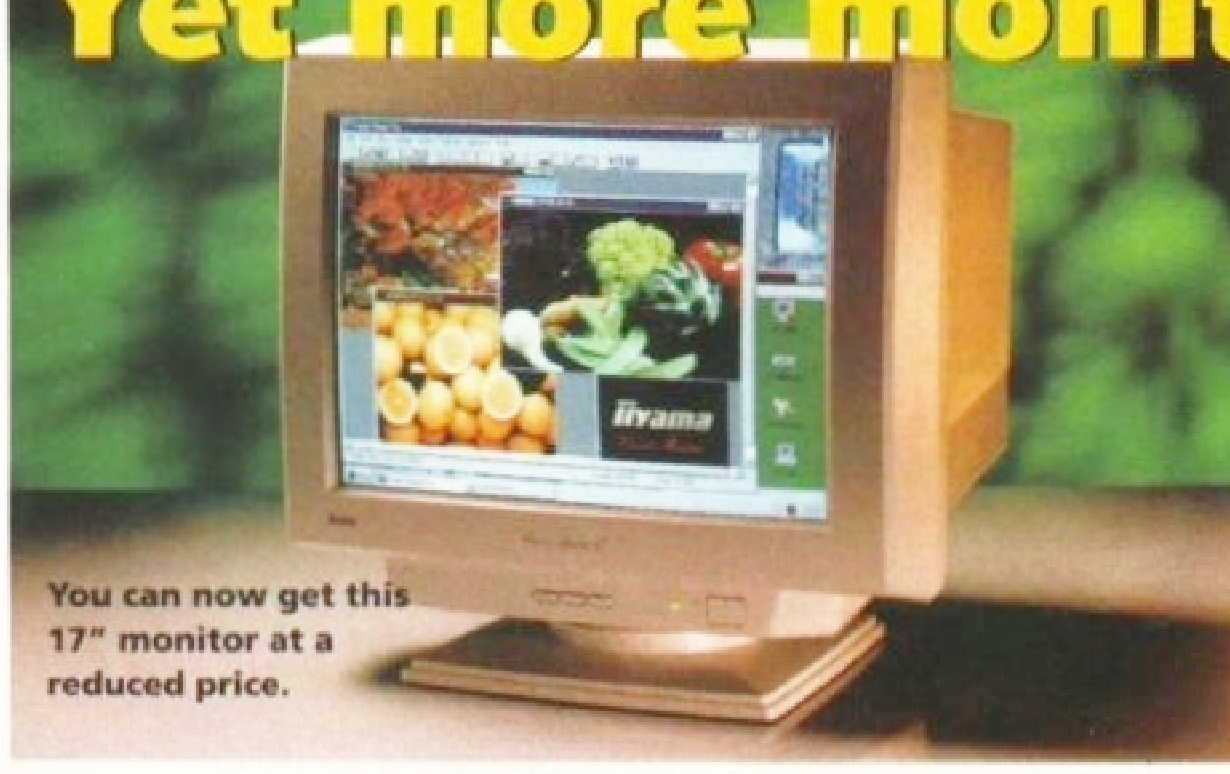
The CD will come with a quick reference guide and EMC's usual IFF font previews and installation guides. The disc will be available on a very limited basis, so it will be first come, first served as far as this CD is concerned. It will cost £39.99 plus postage and packing and will only be available from EM Computergraphic who are on 01255 431389. More information is also available via email at: safari@emcomp.demon.co.uk

More monitor news...

ViewSonic Europe have sent us a release stating that the company has experienced a 200% increase in sales during the last quarter of '95 and the first quarter of '96.

ViewSonic Europe's managing director, Michael Kommer had this to say, "We are constantly striving to upgrade our ViewSonic monitor range... in a bid to take over the position of number one monitor supplier in Europe." Good luck to you Michael.

Yet more monitor news...



You can now get this 17" monitor at a reduced price.

Iiyama have announced that they are dropping the price on their popular VisionMaster 17 17" monitor to just £529+VAT. The VisionMaster 17 has .26mm dot pitch and scan rates from 27-86KHz allowing users with AGA machines, scan doublers or graphics cards to get the best possible display.

The VisionMaster 17 comes with three years warranty and can be obtained from Iiyama UK.

EAGLE TOWERS FLY AT BLITTERSOFT

Blittersoft are launching their Eagle tower Amigas with the blessing of Amiga Technologies. Each one will have an "Amiga based" stamp of approval, full warranty, and will be fully CE certified. The towers come in a variety of configurations including a "bare bones" version so that dealers will be able to build to a customer's specification. The bare bones version will sell for £1299.95 and will contain an original Amiga Technologies A4000T motherboard, 2Mb Chip RAM, 2Mb Fast RAM, power supply, mouse, floppy drive and Workbench disks and manuals.

Other models will have 040 or 060 cards and SCSI II hard drives as standard and will vary in price accordingly. One great idea is that an adaptor can be purchased in order to fit an A1200 accelerator into these towers which will mean that anyone currently owning an accelerated A1200 will be able to hang on to their accelerator, buy a 'bare bones' tower and maintain their current level of power. In addition to these A4000T variants, Blittersoft will also be unleashing 040-powered A1200 towers as well as, bizarrely enough, towers for your CD^{32}.

If you are interested in these systems contact Blittersoft on 01908 261466 or via email at: bsoft@mag-net.co.uk.

Only Red Dogs and CompuServe...

On the 22nd May CompuServe announced that it was going to ditch the proprietary nature of its service's interface and progress to the open standards employed on the Internet.

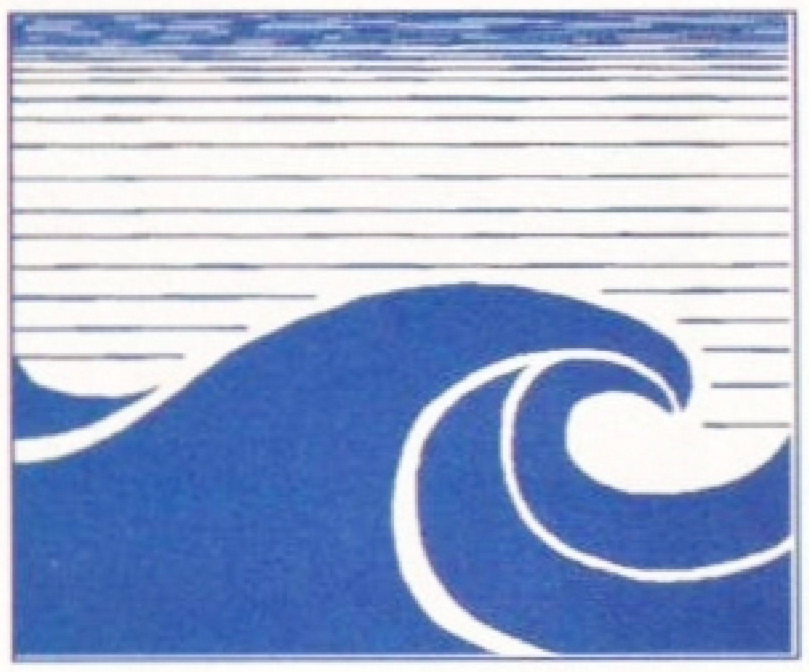
This aim would be achieved by moving the services to a web format that could be accessed by everyone with a web browser in an operation codenamed "Red Dog".

Bob Massey, president and CEO of CompuServe said: "This new initiative not only paves the way for new services in the future, but it will enhance all our current services – the CompuServe Information Service, WOW! and Sprynet, as well as our corporate business – by enabling us to respond quickly to market needs with unique new products and content".

CompuServe are now devoting more than 80 per cent of their development efforts to customising the best available technology for CompuServe users and creating new value-added products that will differentiate them from their competitors.

CompuServe's Online Services division's president, Denny Matteucci added "Far from competing with the web, the Red Dog initiative positions us to maximise rapidly maturing open standards and to expand our portfolio by building viable businesses on the Internet."

Golden Image go news crazy



Golden Image have sent us not one, not two, but three press releases this month with news of an A1200 trap door RAM expansion with 4Mb on board, upgradable to 8Mb, socket for a PLCC FPU and battery backed clock for just £79.95 plus £3.50 postage and packing. This offer is only valid for orders placed during July and August 1996, but stocks may not even last that long, so get a move on!

Next up in the news from Golden Image is their ConneXion card for any big box Amiga. ConneXion offers a fast 10-bit Ethernet link with 10-Base-2 connectivity through a BNC connector. The card also comes with a standard AUI interface using an RJ45 connector for 10-Base-T connectivity.

The card autoboots from ROM, avoiding the need for drivers and is currently compatible with Amiga-based networks, although compatibility with Windows, OS/2 and Novel are currently being worked on. The ConneXion card is also fully A2065 compatible and thus SANA II compliant. Finally, to avoid network bottlenecks, the ConneXion card has a 32k 16-bit on-board cache to boost performance and keep processor overheads low. The ConneXion card costs £185.

Our last bit of news from Golden Image this month concerns spiders. Sorry, that should read the Spider. The Spider is an eight port serial card that supports speeds of up to 57,600 baud through all eight ports simultaneously and is designed to fit any Amiga with a free Zorro slot.

This is the first new multi-serial port card on the market for quite some time and should come as a welcome surprise to BBS operators out there. The Spider costs £299 including VAT and all the products mentioned can be ordered from Golden Image by contacting Navin Shah on 0181 900 9291.

Internet survey results

Two unrelated studies by Interface Research Ltd. and Consumer Surveys Ltd. have interviewed people with regard to the Internet. As may be expected the results show that most internet users are male, earning a fair wedge (over 40% earning more than £20,000 pa according to one of the studies) and that more are professionals in contrast to the population as a whole. Their hobbies are likely to include dining out and going to the theatre rather than ordering pizza and watching the latest Steven Segal movie. In fact, Bob Hayward, the managing director of Consumer Surveys said, "Our research shows that contrary to popular opinion, Internet users are typically professional people with considerable earning power and a wide range of interests." Oh well, bang goes the spotty saddo image we were all desperately trying to foster.



I'm sure this will be the most over used photo in any and all computer magazines this month.

Special effects courtesy of FX kit

Digital Data Labs' customers have been struggling with the new IK features of *Lightwave* for quite some time now, but DDL think they have found the best solution. It's a book by Alan Chan, well-known for his articles in *Lightwave* Pro and comments in the *Lightwave* mailing list, and who, coincidentally, just so happens to be head animator in the Amblin animation department, the team responsible for shows like SeaQuest DSV.

The book is called 'The FX kit for Lightwave' and doesn't just concentrate on the IK aspect of the program. It also contains information on lighting, animation, using backdrops for digital compositing and many other tricky to master topics.

The FX Kit for *Lightwave* is available from Digital Data Labs for just £34.95 including P&P and you can reach them on 01277 365249, or email them at:

info@ddlabs.demon.co.uk.

Budget video from Almathera

Almathera are re-releasing their innovative CD^{32} title Video Creator for just £9.95. Video Creator, which can be used with a CD^{32} or any AGA machine with CD-ROM drive and CD^{32} emulation, allows the user to create their own music videos in accompaniment to audio CD tracks.

There are over 50 effects that can be combined with colourful images, video wall-style animations and 2D and 3D animations. There's even a 'Random Raves' mode where the CD^{32} will put together a real time visual backdrop to whichever music CD you choose.

Almathera can be contacted on 0181 687 0040, or for those of you with email at: **almathera@cix.compulink.co.uk**

The pair also confess to some dubious working habits. "Most of the designs happened down the pub", Matt admitted.

Who's Andy Smith talking to?

WEATHERMINE SOFTWARE PAGE 44

AMINET HITS 30,000

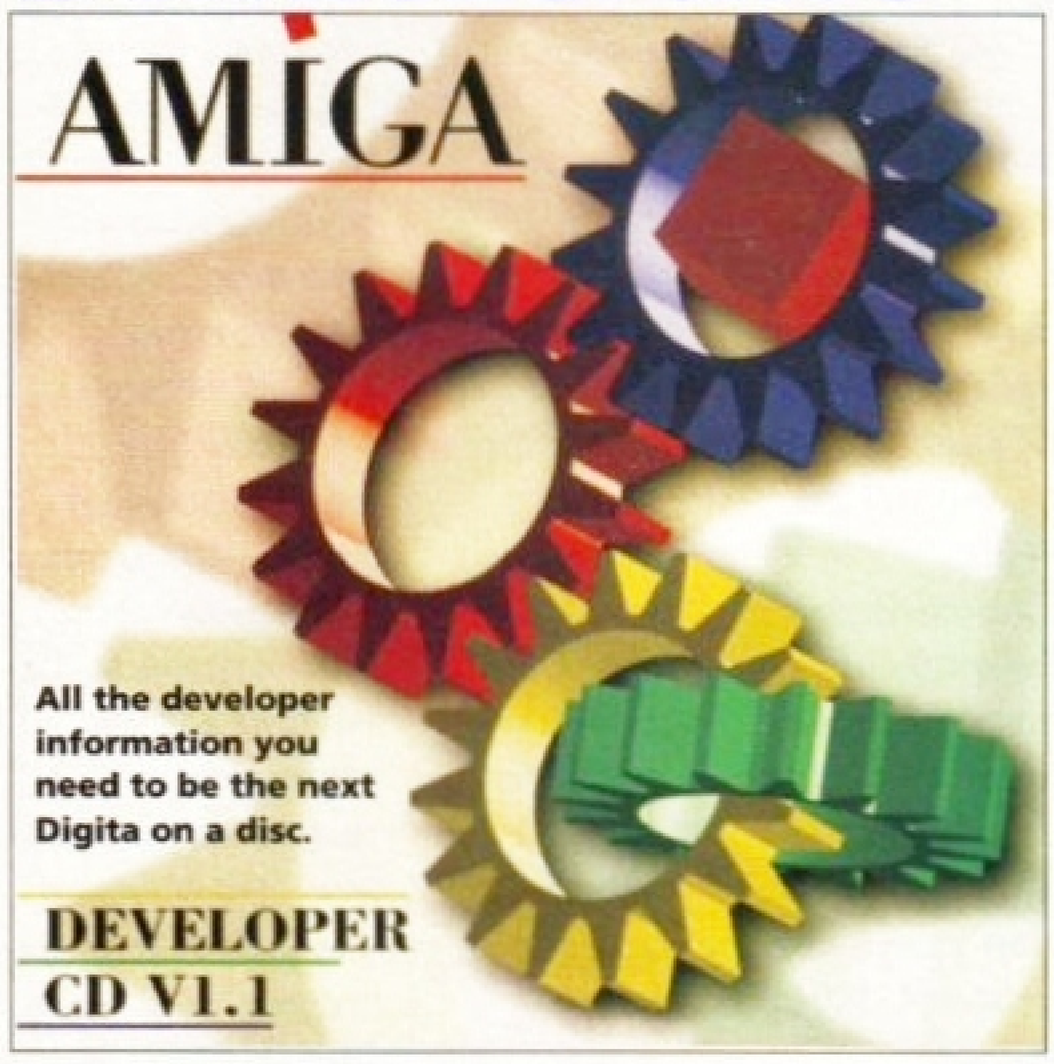
The Aminet officially became the world's largest archive of software on the 16th May 1996 according to Urban Mueller and VSL – The Virtual Shareware Library with over 30,000 files totalling about 5052MB of data.

Plans for expanding Aminet continue apace with the expected arrival of annotations to file readmes and the ability to have a custom Aminet to suit your own purposes. To celebrate there's a competition to win a CD-ROM drive, the *Aminet Sets 1, 2 and 3* and a year's subscription to the Aminet CD. There are ten runners-up prizes of a year's subscription to the CD. Just state exactly how many files there were in the Aminet archive on the 16th May 1995. Send your entries via email to: **aminet-server@aminet.org**, or via snail mail to: Schatztruhe GmbH Aminet-Wettbewerb Veronikastr. 33 D-45131 Essen GERMANY

PIOS AND PHASE 5 IN PUNCH UP

Amiga users with access to the Internet will no doubt be enthralled at the current verbal battling between Dave Haynie representing the Pios group and Wolf Dietrich from Phase 5 over the direction the Amiga will take in the future. Read all about it on the Amiga Web Directory's news pages at: **http://www.iprom.com/amigaweb/atnews.html** on the UK mirror site and for further barbed comment take a look at John Shepard's views at: **http://cord.iupui.edu/~jrshepar/amigal.html.**

Silver discs from Schatztruhe



All the developer information you need to be the next Digita on a disc.

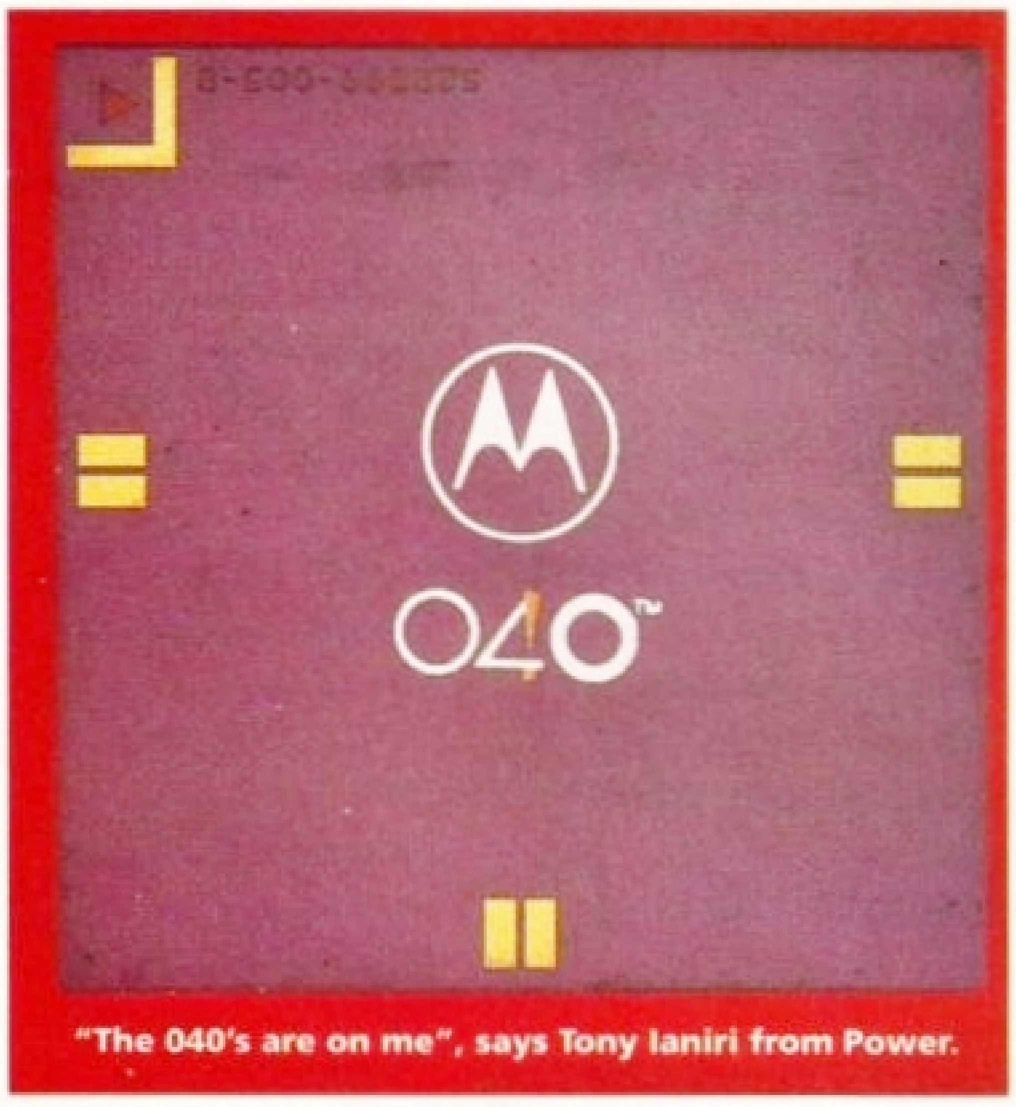
Stefan Ossowski's Schatztruhe have just sent us details of several new CD-ROMs coming our way. First up is the Amiga Developer *CDv1.1.* This CD contains all you need to get started with programming the Amiga, bar some sort of C compiler. The CD contains the CD³² developer pack including tools to build a CD image and details of the CDXL animation format, the updated 3.1 native developer kit, the SANA II development kit and much more. This CD can be counted as essential to anyone interested in programming.

Next up is the twelfth in the Aminet collection which contains more than a gigabyte of uncompressed utilities, demos, games and all the rest. The CD also contains full versions of *OctaMED v5.04* and *Symphonie*, another soundtracker program.

Thirdly, we have a four CD set called *Magic Publisher* which includes *Final Writer 4SE, Wordworth 4TD*, a complete installation of *PasTex* and more than 10,000 fonts and 5000 pieces of clipart. All the fonts and clipart are referenced in the included booklet for easy identification.

Last but not least is the *Mods Anthology* a four CD set containing over 18000 modules in a variety of formats. Watch out for our reviews in next month's splendid *Amiga Format.*

Processor price pummelled by Power



"The 040's are on me", says Tony Ianiri from Power.

Power Computing are bringing out a new 040-powered accelerator for the A1200. Called the *Turbo 1240* the new board has one definite advantage over all other current 040 accelerators for the base machine – its price. The 25MHz version will retail for just £259 and the 40MHz version which is 25 times faster than a standard A1200 will sell for a mere £329. Both models of the accelerator are expandable to 32MB burst RAM through one SIMM socket, have a battery backed clock and can have an optional 4Mb/sec SCSI II controller added for just £59.

"The King of Valhalla has decided he's bored with running the Kingdom and wants to concentrate his energies chasing some totty."

Andy Smith upsets the female members of staff.

VALHALLA and the Fortress of Eve PAGE 36



John Smith is no more

Well, no more at Amiga Technologies but I'm sure he's still healthy. John handed in his resignation on the 25th of May this year in order to further his career with the newly-formed Pios Computer AG as their UK representative and we at Format wish him all the best.

As yet, Amiga Technologies have not announced a replacement for him, but they have said they are looking for a suitable candidate.

GTI STEPS UP CD OUTPUT

GTI have announced several new CD-ROM titles for the Amiga including *3D Objects* and *3D Images*; one dedicated to professionally raytraced images; the other filled with models in *Lightwave* and *Imagine* formats.

Both CDs will retail for 29DM, a UK price has yet to be confirmed. They will also be launching *Sounds Terrific II*, a double CD collection of sound modules, samples and sound utilities for the Amiga and PC. As with the 3D CDs a UK price has yet to be set, but the German retail cost will be 59DM.

Psst! Wanna buy a Mac?

For those of you out there for whom an Amiga just isn't quite enough, Blittersoft have reconciled their range of *Emplant* Mac emulators. Firstly, there are two new software-only versions of the emulation: *Emplant 1200*, which is for the A1200 or CD³² alone and even includes drivers for the new Graffiti graphics card add-on reviewed on page 64 of this issue. And then there is *Emplant Lite*, which is a software-only version of the full Mac emulation. This version is suitable for use on any machine, but is best suited to those machines with graphics cards.

Emplant Lite also supports virtual memory unlike its shareware counterpart *ShapeShifter*. Finally, *Emplant Deluxe*, the full-on hardware version of *Emplant* has taken a cut in price. With AppleTalk ports for networking and a direct SCSI connection *Emplant Deluxe* is the solution for the serious Amiga and Mac user who has a big box machine.

Prices for all three are as follows:

Emplant 1200 £49.95

Emplant Lite £69.95

Emplant Deluxe £199.95

Contact Blittersoft on 01908 261466 for further details.

Weird Science

Weird Science Ltd. 1 Rowlandson Close, Leicester, Leicestershire. LE4 2SE
Tel. +44 (0)116 234 0682 Fax. +44 (0)116 236 4932
email. sales@weirdscience.co.uk or tech@weirdscience.co.uk

Nexus Pro

WAS £ 39.95 THEN £ 19.95 NOW **FREE** with every order over £ 25.00

This CD was awarded top marks in every review and contains ***450 stunning images in 24 bit with 256 colour versions in GIF & IFF formats***. This superb title is compatible with Amiga and PC and with all the images being commisioned from ***top photographers*** around the globe the quality of the images will amaze. This is truly the best compact disc for video etc. Guaranteed unbeatable and it's FREE. (Please include postage.)

WS Sounds Terrific II

Sounds Terrific 2 contains thousands of files available ready to use straight from the CD's. The music and sounds files can be auditioned from an easy to use interface for both a PC & Amiga. In addition to the sounds are some brilliant utilities for music and sound manipulation on both platforms. As well as the great modules, midi files and samples provided we have also sourced the superb Walkabout Music Collection of professional Instrument samples in both WAV and IFF formats. ***Included are 4,400+ modules (tried and tested,) 400 extra large modules (over 300k each,) 795 Screamtracker modules, 1,000+ categorised midi files, 4240 IFF samples, 620 categorised WAV samples, 1,000+ Walkabout Instrument samples in WAV & IFF formats, 100's of utilities for PC & Amiga*** and as a bonus the complete ***MidiCraft collection*** of Midi files.

£ 19.95

NEW RELEASE DOUBLE CD

3D CD 1 Objects

Containing 1,700+ objects in DXF format for most 3D rendering programs on PC and Amiga. The superb objects will render in Lightwave, Imagine, Truespace, etc. Categories make selection a easy. This CD takes the drudgery out of 3D.

Anatomy	46 mb	Househld	9 mb	Sci-Fi	5 mb
Animals	23 mb	Instrument	9 mb	Ships	62 mb
Aviation	88 mb	Kitchen	7 mb	Space	46 mb
Batman	2 mb	Lamps	10 mb	Sports	19 mb
Building	14 mb	Land	9 mb	Star Trek	41 mb
Clocks	8 mb	Logos	3 mb	Star Wars	6 mb
Computer	21mb	Misc	19 mb	Technolgy	5 mb
D & D	4 mb	Morph	36 mb	Tools	4 mb
Dr Who	7 mb	Novelty	32 mb	Vehicles	50 mb
Food	3 mb	Organic	12 mb	Video	7 mb
Fruit	1 mb	Phones	1 mb	Vista	1 mb
Furniture	19 mb	Robots	16 mb	Weapons	9 mb

ONLY **£ 9.99**

3D CD 2 Images

Containing over 600 megs of raytraced images in 256 colours AGA IFF & GIF formats. A GUI front end enables all of the images to be viewed. Also great graphics utilities for both Amiga and PC. Over 800 indexed images for both the Amiga and the PC.

£ 9.99

AMINET COMPACT DISCS

NEW £ 14.99

Available now the very latest from the Aminet archives. Get yours now

£ 14.99 each

Subscriptions

Free subscriptions to the Aminet CD series means that each time a new one is released it will be shipped straight to you for only £9.99 (+ postage). Saving a third of the price with great ease......

Only £ 9.99

AMINET CD SETS

SET 1 £ 19.95

SET 2 £ 24.95

SET 3 AVAILABLE AUGUST *PRE-ORDER FOR* **£ 19.95**

NOTE We will price match any advert in this magazine

ARTWORX £ 9.99

Containing 100's of full colour images created by hugely talented artists with computers. All the categorised images are indexed Amiga or PC versions

UPD GOLD £ 19.95

The entire UPD Library on four CDs. In total 4,813 floppy discs in this superb set. Fully indexed & categorised. All the archives can be put back to floppy disc from a simple menu.

AMOS PD £ 19.95

The entire Amos PD library resource on CD. Thousands of Amos related files. Source code, sprites, samples etc. This is a must for all users of Amos.

CLIP ART CD £ 9.99

Stunning B&W and colour clip art. Over 15000 files in different formats for the Amiga and PC.

ASSASSINS 1

Over 600 games for CDTV, CD32 & all Amigas. Select all the games from a simple menu and play from the CD.

£ 9.99

ASSASSINS 2

Another 600 games for CDTV, CD32 & all Amigas. Select all the games from a simple menu and play direct from the CD.

£ 19.95

SOUNDS TERRIFIC

The forerunner to our Sounds Terrific 2 with thousands of modules, samples, midi files, sonix music for the Amiga & PC. With utilities for both.

£ 19.95

FONTS CD £ 9.99

Thousands of fonts in just about every format imaginable for the Amiga & PC. Adobe, Truetype, CG, Coloured, IFF, Pagestream, GDOS etc. 600 megs.

OCTAMED 6 CD

£ 24.95

Containing the full commercial program Octamed 6. Octamed 6 now includes midi capabilities, 16 Bit sampling with Aura support, and of course 8 track module generation. Octamed has long been recognised as the best music program for the Amiga. In addition the CD also contains the up to date contents of the Med Users Group BBS, including material only previously available to members of MUG. 1000's of samples, modules, midi files and utilities are provided. Also included the complete collection of samples by Walkabout Music. 1000 + samples produced to a professional standard. In all 650 megs purely for the Music professional and enthusiast Another absolutely superb CD from

NETWORK CD 2

£ 14.99

The very best in CD32 and Amiga Networking has just got so much better. This CD is an absolute must have for all Network CD owners. The concept and operation has been improved in every possible way. The CD32 boots in about 45 seconds, with more memory available and fake fast ram to improve speed. One button press on the Amiga can set-up any program to run on both machines, including the entire Sernet set-up at the speed of your choice on both machines. No more difficult set-up routines. Sernet now runs at various speeds and is now the fastest ever. A keyboard and mouse can be emulated on the CD32. Twin Express can now be controlled from DOpus. Serlink allows easy downloading of data. Plus so much more.

Cables ....
Sernet £ 19.95
Parnet £ 9.99

NEW RELEASE THE LEARNING CURVE

Possibly the worlds largest educational and information resource for the Amiga ever. The CD has taken two years to compile and contains 100's of programs and information on a wide variety of subjects. A small selection of these is listed below. All items are accessible direct from the CD.

Aircraft	Health	Languages	Science
Art	History	Literature	Astronomy
Computer	Hobbies	Drama	Biology
Desktop Utils	Educational	Music	Books
Electronics	Fairy Tales	Mythology	Chemistry
Engineering	Mathematics	Philosophy	Ecology
Geography	Spelling	Religion	Geology

Amiga & CD32 compatible. WB 2.04 +

£ 19.95

AGA EXPERIENCE 2 £ 19.95

After the great success of AGA Experience 1 comes the long awaited sequel. A new Internet style inteface with AWEB to view it. Everything is fully indexed. Everything is for AGA Amigas with the latest demos, games etc. Nothing has been repeated from the first CD. Software has been sourced direct from the authors so a lot of it is exclusive. CD32 friendly and works with floppy only machines.

AGA EXPERIENCE 1

£ 19.95

WORLD ATLAS

£ 29.95

A superb full colour Multimedia World Atlas. The first and only one of it's kind for all Amiga computers. It has received many awards and has scored over 90 % in every review. This will provide a wealth of information with highly detailed colour maps for every one to enjoy. A superb reference title for education and interest.

WEIRD TEXTURES

£ 14.99

Featuring a massive one thousand and seventy eight 256 x 256 pixel textures. Each detailed texture tile can be tessellated to create images with absolute seamless edge to edge matching. Superb for wrapping around any complex object perfectly or adding instant backdrops for WWW pages etc. Finding the right texture is easy with a 24 page colour index booklet displaying all of the textures in their glorious colour. The images are in IFF, GIF, JPG, TARGA & PICT formats.

MAGIC PUBLISHER

£ 49.95

NEW

Magic Publisher comprises of four compact discs and on this unique CD-ROM set you will find all you need to create professional looking documents. There are more than 10,000 Fonts (Colour Fonts, Bitmap, IFF, Adobe, Intellifonts, Truetype & DMF), more than 5,000 clipart. Many of these are exclusive to this compact disc. Also there is the complete PasTex. Full commercial versions of Final Writer 4 SE and Wordworth 4 TD are included. Both rated as great word processors on the Amiga. Tools for creating WWW pages along with backgrounds and special clip art for this purpose is also included. The 100 page booklet included in the CD-ROM pack contains printouts of all the fonts and clipart.

SPECIAL FX VOL. 1

£ 29.95

The Movie Maker series takes you step by step through professional techniques of Special FX, Horror and Action film making. Explained in every detail are all the camera angles, editing techniques, prop building, make up etc. This multimedia AGA title contains video footage, stills & audio.

More titles

Multimedia Toolkit Vol. 1 — £ 9.99

CBM 64 Latest Version — £ 19.95

17 Bit 5th Dimension — £ 19.95

Multimedia Toolkit Vol. 2 — £ 19.95 — Double CD, 500 Photos, Music & FX, 3D Objects, Clip Art, Utilties

Speccy 96 Latest Version — £ 19.95

17 Bit LSD CD 3 — £ 19.95

Emulators Unlimited — £ 19.95

17 Bit Encounters — £ 19.95

PD Soft The Colour Library — £ 19.95

17 Bit Phase Four — £ 19.95 — PD Library

Animations CD Double CD — £ 19.95 — IFF Anims, MoviePlayer, Deluxe Player, FLI, FLC and many more with full menu

Sci-Fi Sensations 2 Latest Version Double CD — £ 19.95

PD Soft Hottest 6 — £ 19.95 — PD Library

Epic GFX Sensations — £ 19.95 — 1000's of Images

Meeting Pearls Volume 3 — £ 9.99

PD Soft Utilities 2 Double CD — £ 19.95 — Ready to run

Grolier Encyclopeadia Volume 2 — £ 19.95

Light Rom 3 Triple CD — £ 39.95 — PC & Amiga

Workbench Add-on — £ 24.95 — WB Tools

Insight Dinosaurs — £ 19.95

Global Experience — £ 24.95

Specials

LSD 1 £ 9.99
LSD 2 £ 9.99
Aminet 4 £ 4.99
Aminet 8 £ 4.99
Total Carnage £ 4.99
Defender of the Crown II £ 4.99
BCI Net 1 £ 4.99
BCI Net 2 £ 4.99
Light Rom 1 £ 19.99
Xi Paint 3.2 £ 14.99

Access and Visa Welcome
UK Postage is £ 1.00 for the first item and 50p each item thereafter. Overseas is double.

Please ask for Nexus Pro or it will not be shipped
As an alternative we offer 'Aminet 8' FREE

Pic`n`Mix GRAPHICS

ONE WAY

Why be tied to taking "Pot Luck" when buying ClipArt? Now **YOU** can select your own preferences from the comfort of your own home. Choose from over 3000 images in over 40 Categories. Give yourself a break and **TRY BEFORE YOU BUY!** Available in Formats suitable for all Amiga Programs (Hi-Res Bitmapped or Scaleable) All images are **8 to 256 Colours....**suitable for both **Colour and Mono Printers.** All clips are artist drawn.......no scanned or traced images here!

POW!

HAPPY BIRTHDAY

INK JET REFILLS

REFILLS (Microfiltered Non-Clog Formula) all Colours from 87p per refill
COMPATIBLE CARTRIDGES As good as original...but cheaper! from £4.99

We have been supplying our Customers with Refill Inks for many years, and most of our sales are re-orders. We demonstrate the quality of our Inks by providing a **FULL COLOUR PRINTOUT** with every Information Pack. Who else does this?

SELECTAFONT

Pic`n`Mix FONTS

BEEHOUSE CHILLI CHINESE HEADHUNTER STEEL INDIANAJ KEYBOARD STAR BLOCK WHARMBY WOBBLE STARS ZARROW CARPE SWINGE POSTCY Tintoret Open Ho RANSOME PEACE OREGONWET SALTER Miami ORIENTAL SHANGHAI SHRAPNEL Medusa STENCIL STRETCH TOYBLOCK WEDGIE WASHBOOK! POWERLINER OLDEWORLDE WHAT A RELIEF

Unlike some of the cheap and cheerful Font CDs and Disks doing the rounds, **our Fonts WORK!** Select from over 4000 Fonts in both COMPUGRAPHIC and ADOBE formats and leave the rest up to us!

For Bulk Buyers we offer some very special deals with Fonts from **7p each**

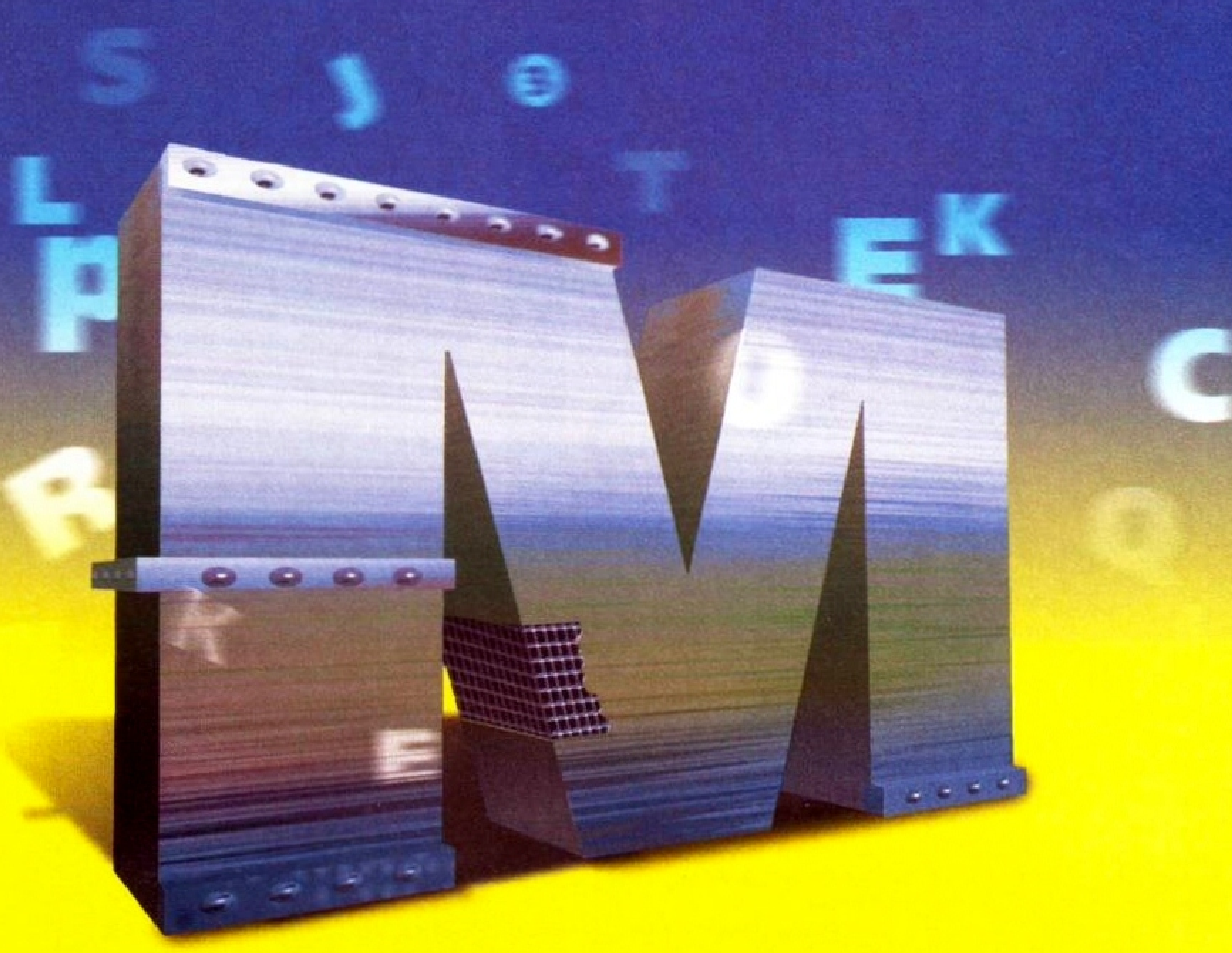
We have been in business since 1991 and pioneered the Pic n Mix concept. Our service is unique with a **TECHNICAL HELPLINE** for all of our valued Customers

For your FREE 46 Page Information Pack, either Write, Phone, or Fax us.

SELECTAFONT (Dept AF)
84 Thorpe Road, Hawkwell, Nr Hockley, Essex. SS5 4JT

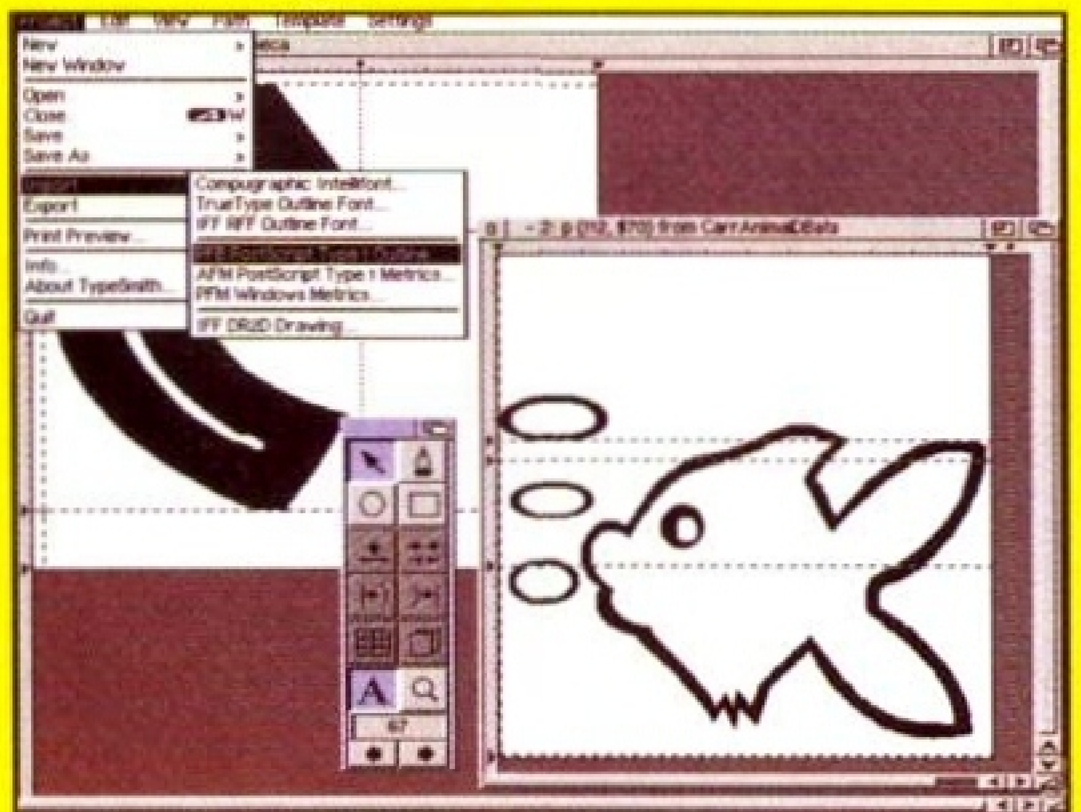
FAX: 01702 200062 VISA MasterCard **PHONE: 01702 202835**





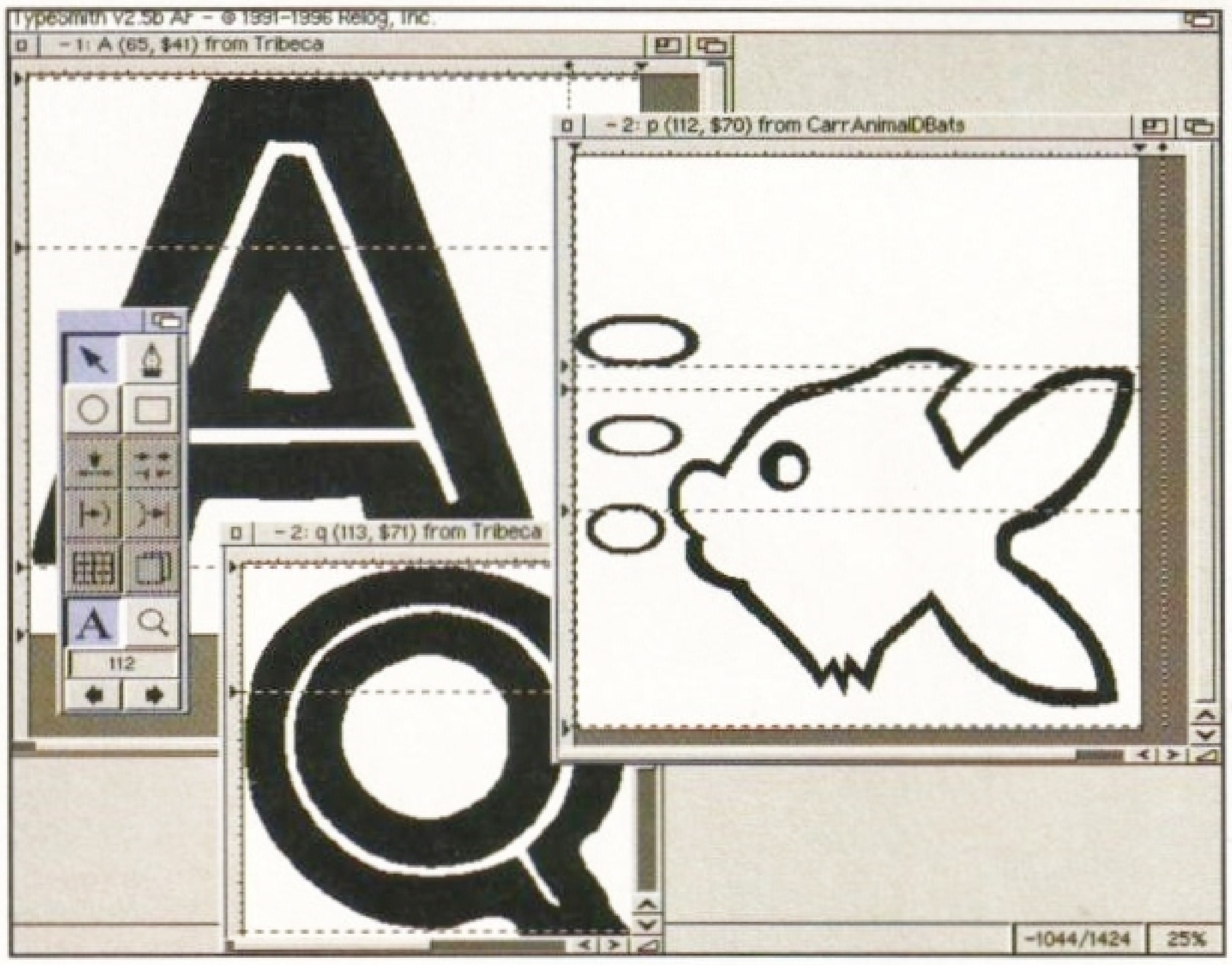
BUILD A BETTER FACE

The world can be a better place when you have hundreds of fonts to chose from. Larry Hickmott provides you with all you need to know about this month's excellent Coverdisk software.



Whether you use *Final Writer* or *Wordworth*, *Professional Page* or *PageStream*, or any number of other word processing programs on the Amiga, or even if you are dabbling with *Photogenics*, *ImageFX*, *Personal Paint* or just about any other art package, there is one thing that they all have in common. Each of them uses fonts.

CONTENTS



The font world is at your feet now that you have the most powerful outline font editor on the Amiga.

INTRO TO FONTS

A font, is a word that describes a typeface you use to create text. This font is stored on disk in a digital format that is understood by your Amiga software. Different font designs are given different names such as Times, Triumvirate, Helvetica and Garamond. There are literally thousands of different designs now available to Amiga users.

Over the next few pages, I want to help you not only understand more about what a font is but also how you can create your own outline fonts and convert one format of font into another so it can be used within different programs. More on this in a little while. First of all, lets get back to basics as the politician said to his mistress.

ON THIS MONTH'S CD

BACK TO BASICS

You probably know by now that when it comes to pictures on the Amiga, there are many different types like IFF-ILBM and JPEG. Now that you have *TypeSmith*, you will also start to see that there are also various formats used to stored fonts on disk.

So as well as different designs (Times, Helvetica and so on) there are also different font formats such as PostScript Type 1, Compugraphic Intellifont, NimbusQ, all of which are outline formats. And, in addition to these, there are Amiga bitmap fonts and a bitmap

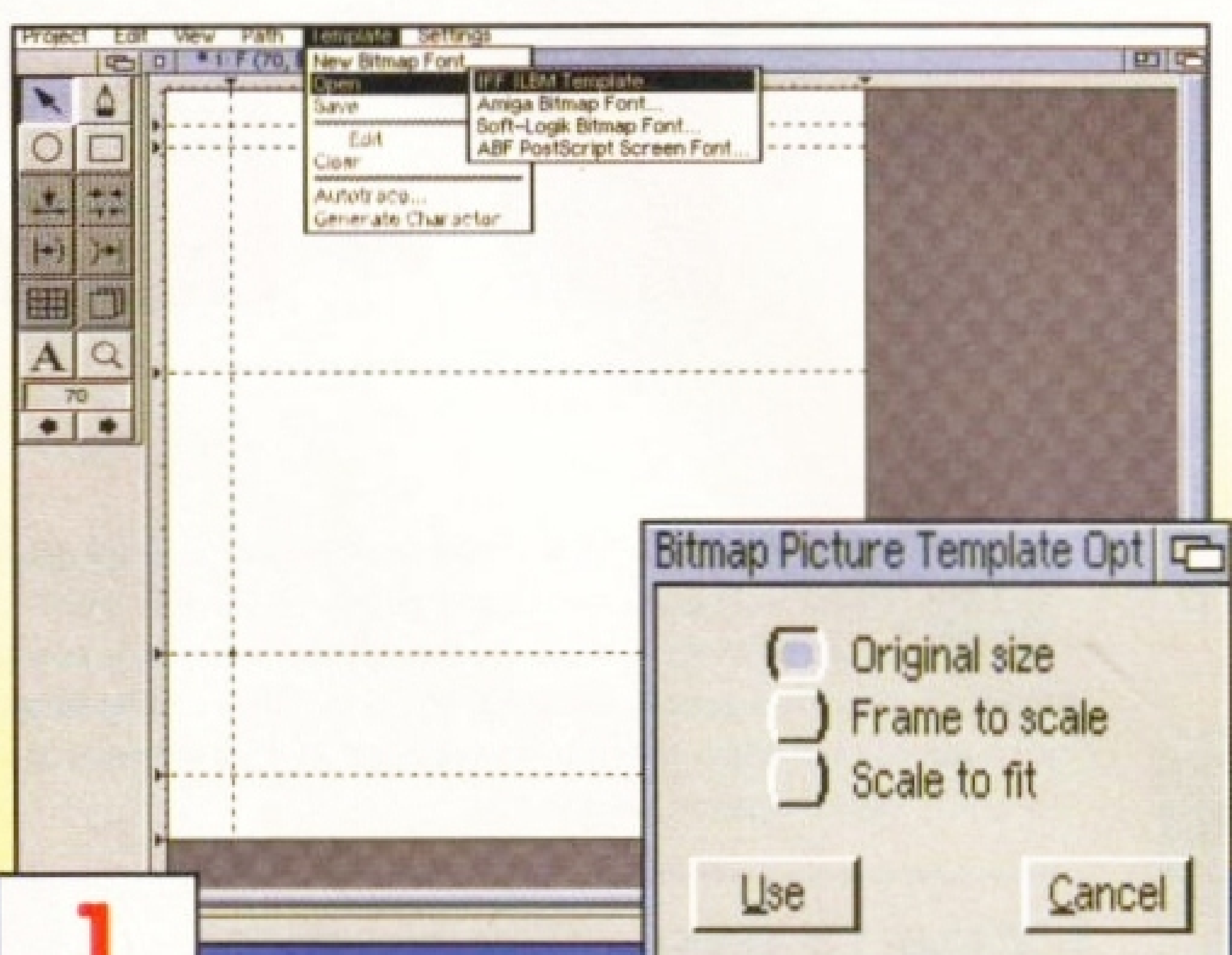
TIP: CONVERTING FINAL WRITER FONTS

One of the most common queries I get is how to convert fonts from *Final Writer* into a format that I can use in other programs. There is no direct way to do this because *Final Writer*'s fonts are stored in NimbusQ format which isn't supported by *TypeSmith*. However, there is a way to convert them and load them into *TypeSmith*.

Before you can do it though, you need a utility called *SWdownload* which is only available from Softwood on their Soft Faces packs of extra NimbusQ fonts. Call Gordon Harwoods on 01773 836 781. For details on the conversion see the readme file that accompanies *TypeSmith*.

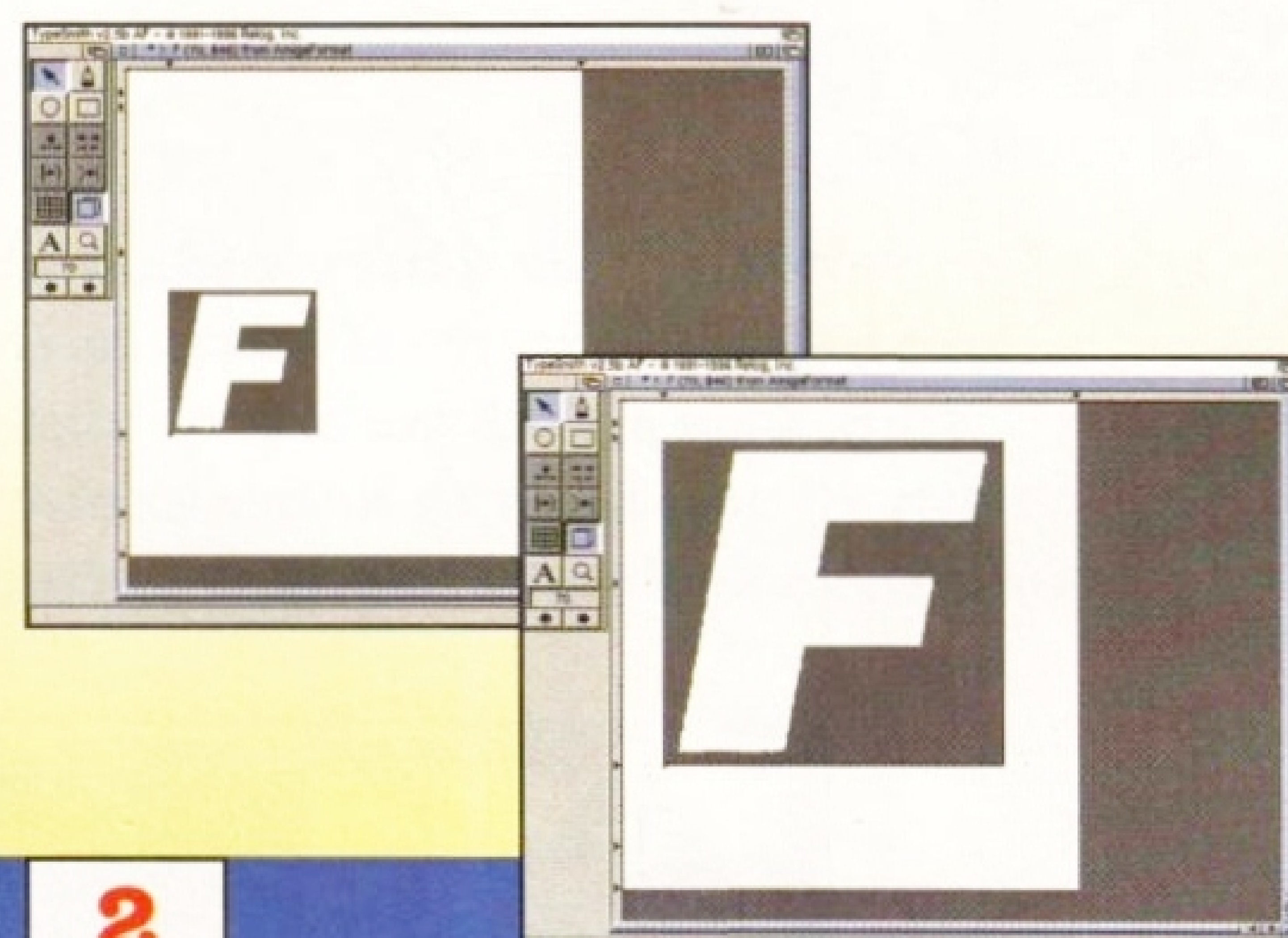
USING A BITMAP AS A TEMPLATE

One of the tricks that you can use if you want to create your own font is to use a bitmap template of a character and then have *TypeSmith* create the outline from that. To do this follow these few simple steps.



1

Make sure you have a blank workspace for the character you want to work on. You can do this by either creating a new font or deleting an existing character. Choose Open IFF ILBM Template from the Template menu. Of the three options available to you, choose Original Size.



2

When the bitmap character appears, you can size it to fill the space you require. Hold down the Shift key and *TypeSmith* retains the correct aspect ratio of the character as you size it.

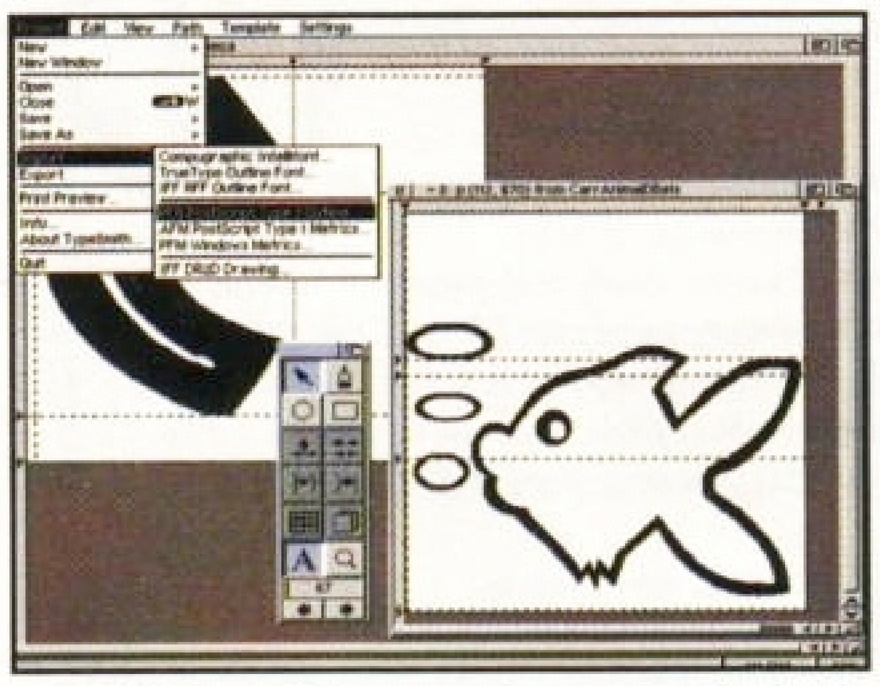


TIP: CONVERTING LOTS OF FONTS

If you want to convert a lot of fonts at once, you need ARexx and to get this requires the purchase of the full *TypeSmith* package from Digita International or Soft-Logik. The full program includes ARexx support and a Batch Convert ARexx macro that makes converting an entire directory of fonts very easy.

variation of a PostScript font which is recognisable by the dot extension ".abf".

Now it is also worth remembering that within some of these outline formats are a number of other sub-categories that belong to specific programs. The Amiga for example, comes with the Compugraphic



With *TypeSmith*, you can have up to five fonts open at once and cut and paste between them.

Intellifont format which is used by all programs that support it. *Deluxe Paint, ImageFX, Wordworth, Final Writer* are but a few.

Then you have other programs that support their own Compugraphic format. *Professional Page, PageSetter* and *ProDraw* are three such programs and the reason for their support is because the publisher of these programs (Gold Disk) actually introduced Compugraphic fonts to the Amiga before a standard format was adopted by Commodore.

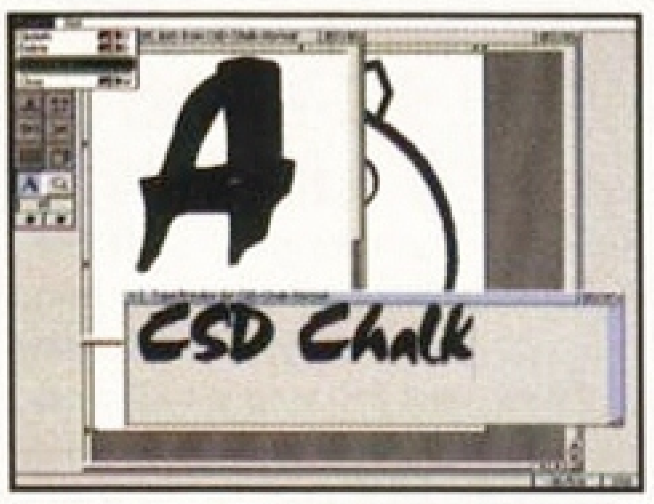
The Compugraphic format however, is not a widely used standard on the PC and Macintosh which has led to programs coming out on the Amiga that support other font formats. *PageStream* for example, supports its own format as well as PostScript Type 1 fonts. *Final Writer* came up with NimbusQ, a font format which is a PostScript hybrid if you like, which can be printed on PostScript and non-PostScript printers. Then came *Wordworth* and its support for the PC font format, True Type.

NO UNDERSTAND

As you can see, there is a lot to take in when it comes to fonts. Not only the fact that fonts come in different designs but also different formats supported by a wide variety of programs.

Even worse though, is the fact that

Continued overleaf ➡



Fonts being developed can be displayed on-screen or you can print a preview of them onto paper.

TIP: MAKING FONTS THAT LOOK THEIR BEST

A TIP FOR THOSE CREATING COMPUGRAPHIC OR TRUE TYPE FONTS.

■ If you are creating a font from one of these formats, do not keep exporting the font and then re-importing it in the formats mentioned.

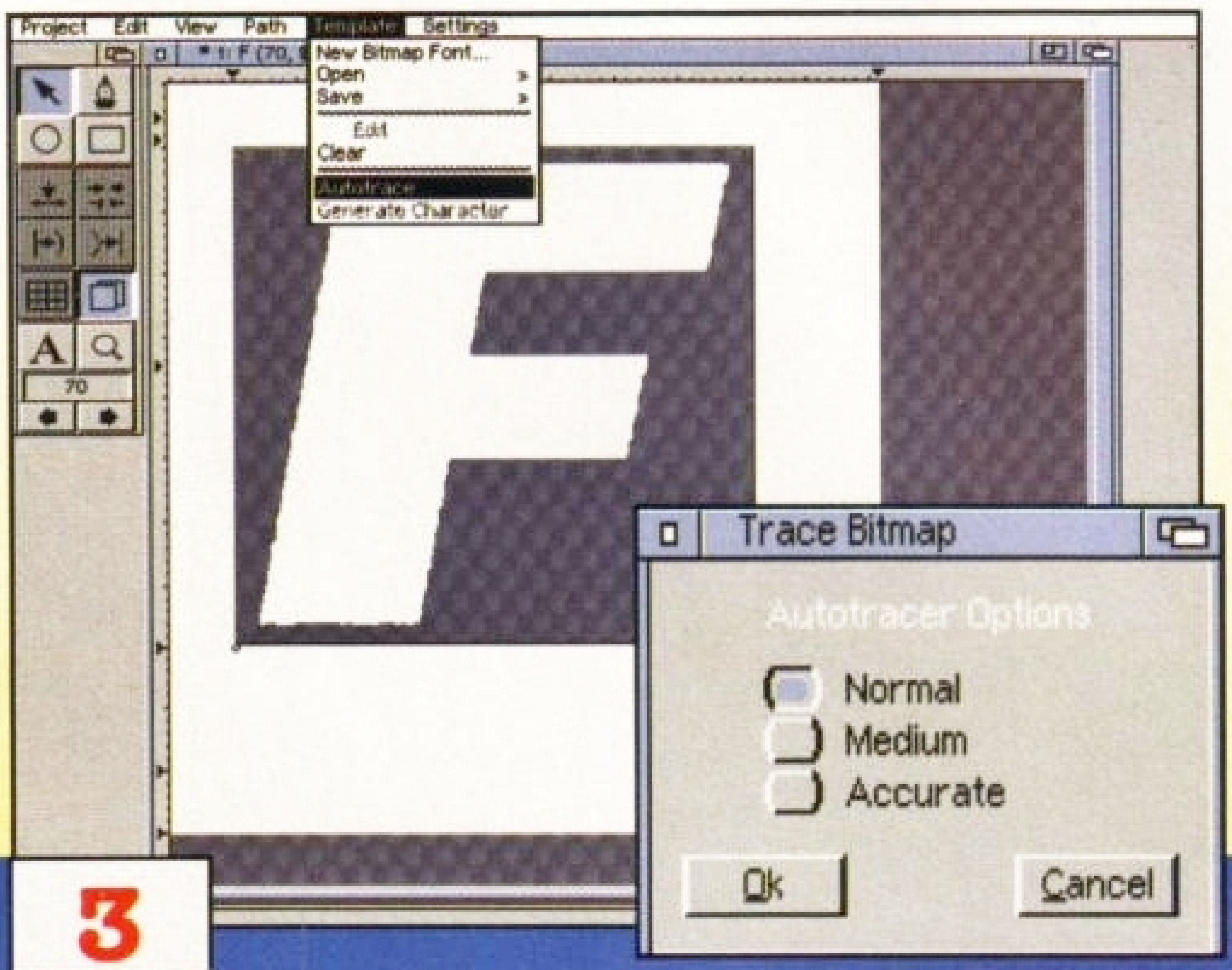
■ Let's say you want to create a Compugraphic font. If possible, start off with a PostScript Type 1 version or a Soft Logik font (using Project/Open). If you only have a Compugraphic version to start with, don't worry, use that but follow these steps.

1. Make the changes to the font that you require and then choose Save Outline from the Project menu. This will save the font in Soft-Logik's own font format (fonts that have the extension.dmf).

2. After saving it, now Export the same font using the Compugraphic format. If at a later stage you need to do some more work on that font, don't re-import the Compugraphic version.

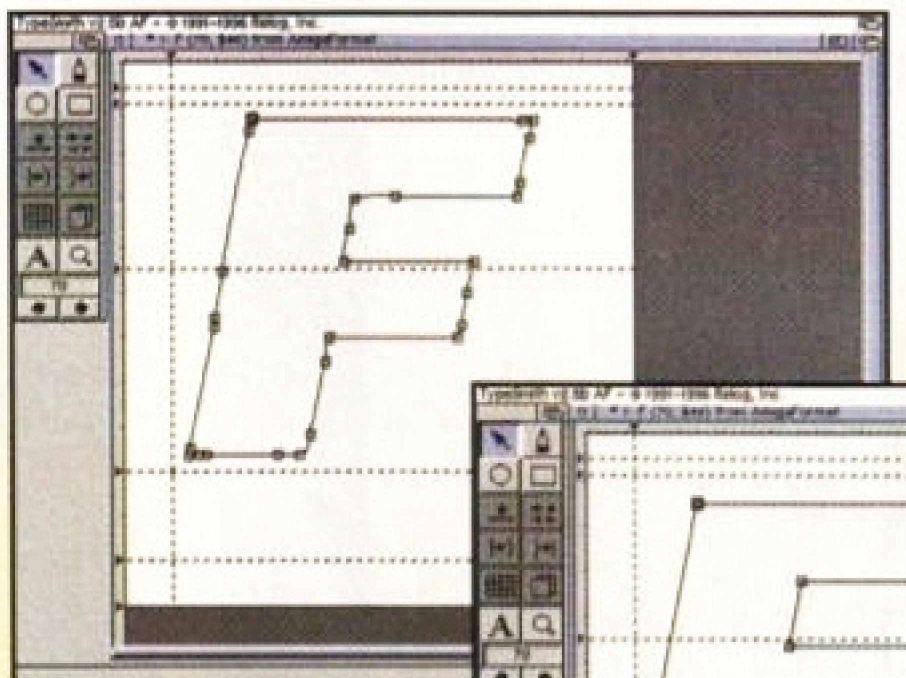
3. Open the Soft-Logik one you saved first. Think of it as being the master copy for that font. Make the changes again and then export as Compugraphic.

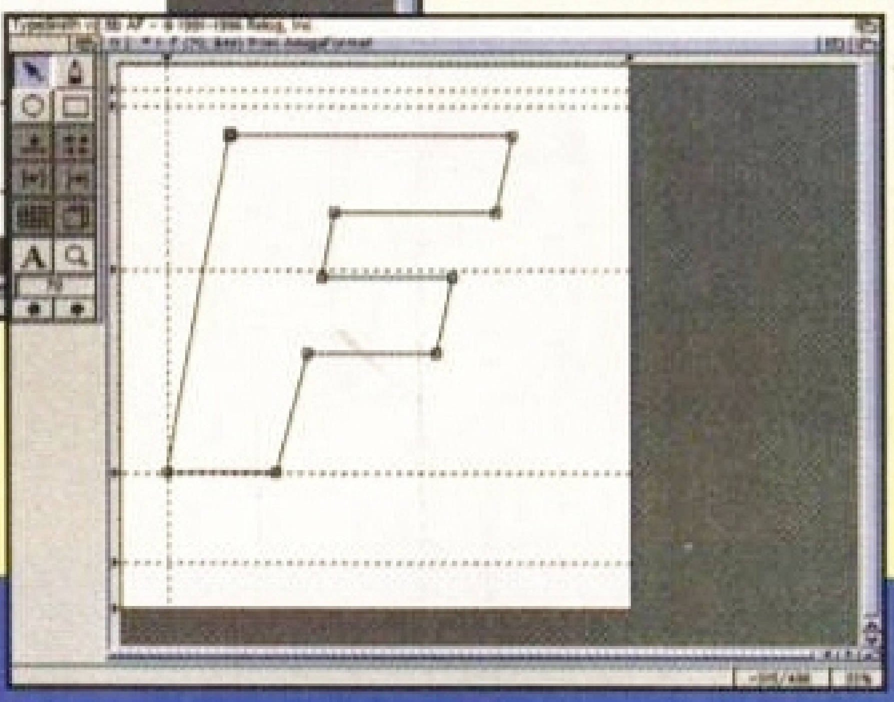
The reason we do this is because each time a Compugraphic or TrueType font is opened, its curves must be converted into the format *TypeSmith* uses for its own curves. This conversion process doubles the number of points in each character, making the font much more complex. When you export the font in either the Compugraphic or TrueType format, the points are doubled again. This leads to a loss in quality and in some cases, the font will be too complicated for various applications to render on screen.



3

Choose Autotrace from the Template menu. Go with the default of Normal and click on OK. When the character has been traced, choose Clear from the Template menu.





4

As you can see, the character has far too many points and needs to be tidied up. Excess points can be deleted by clicking on a point to select it and then pressing Delete. Go through and edit it, using the Edit tools in the tool box to convert lines between two points from being a curve to a straight line and vice versa.

5

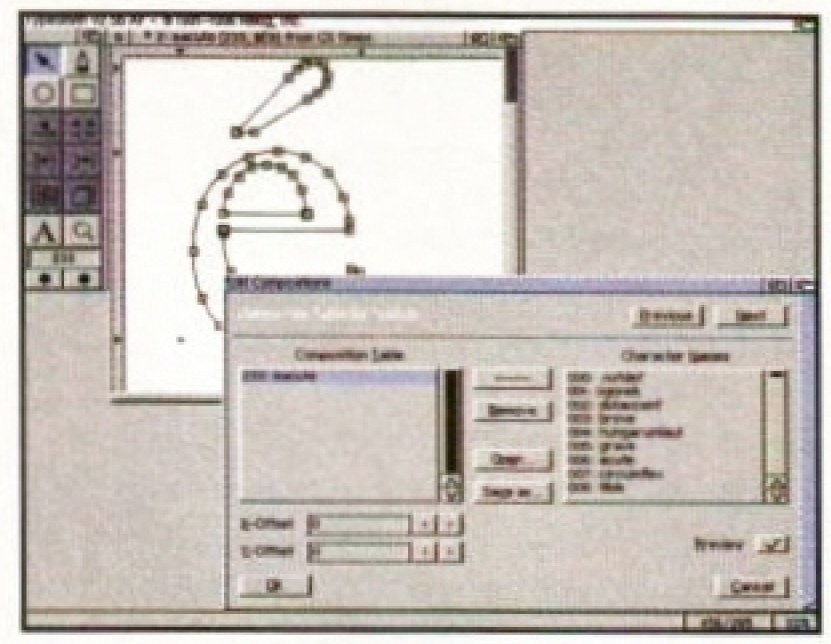
That's it. You can now carry on and complete the font by adding more characters, creating a font metrics file (New Font Metrics from Project menu) and then export your font in a required format.



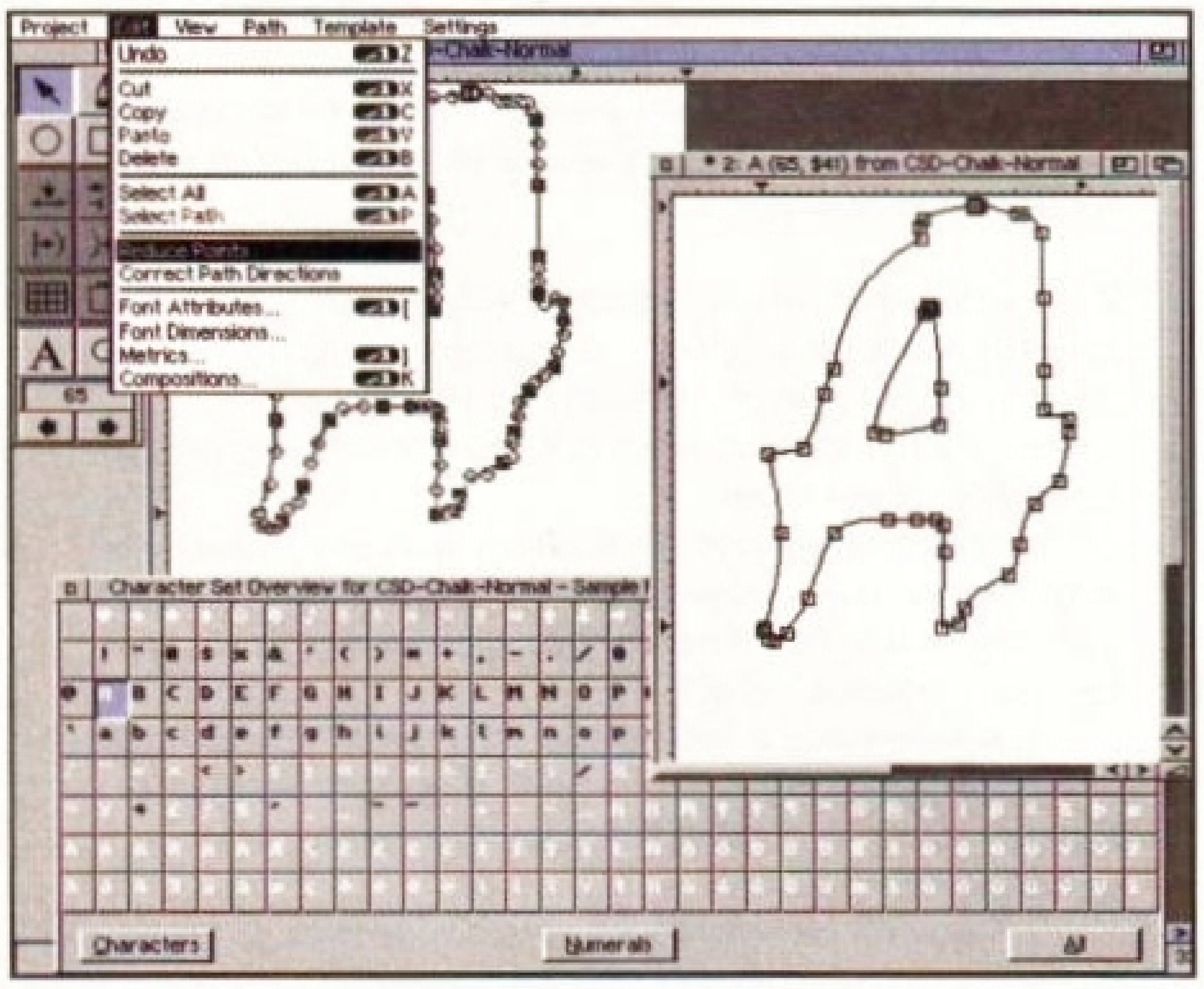
USING PC FONTS ON THE AMIGA

TIP

Using PC fonts (True Types) with the Amiga is easy but first you may need a few things besides *TypeSmith*. Most fonts these days are sold on CD and because of that you'll need a CD drive – or have your PC linked to the Amiga so they can be transferred to your hard drive. If you can't do this, you will have to place them on floppy disk. In general, True Types do not need to be converted if you use *Wordworth 3* or above, or purchase for *PageStream 3* the optional True Type filter. For other programs, use *TypeSmith* to do the conversion. Soft Logik recommend purchasing True Type or PostScript fonts in Windows or MS-DOS formats, not Macintosh format. Macintosh fonts require an extra step and a public domain utility to correctly convert them for use with Amiga applications.



Characters made up of several objects from the one font, can be combined to create characters like this.



A number of fonts these days, especially PD ones, are over complicated, and they can sometimes fail to display properly on-screen. This is where your special *Amiga Format* version of *TypeSmith* is handy because it enables you to reduce the number of points in a character making it less likely to cause problems.

← without a program like *TypeSmith*, it is really annoying to find some fonts for one program won't work with another program on your Amiga.

Well, all that is behind you because now, thanks to *Amiga Format*, you have a fully working version of *TypeSmith* from Soft Logik. This program means that you can convert one type of font into another, and even create your own outline fonts if you so wish.

TYPESMITH

TypeSmith is an outline font editor and font converter. It enables you to do many things from

GHOSTED MENUS

TIP

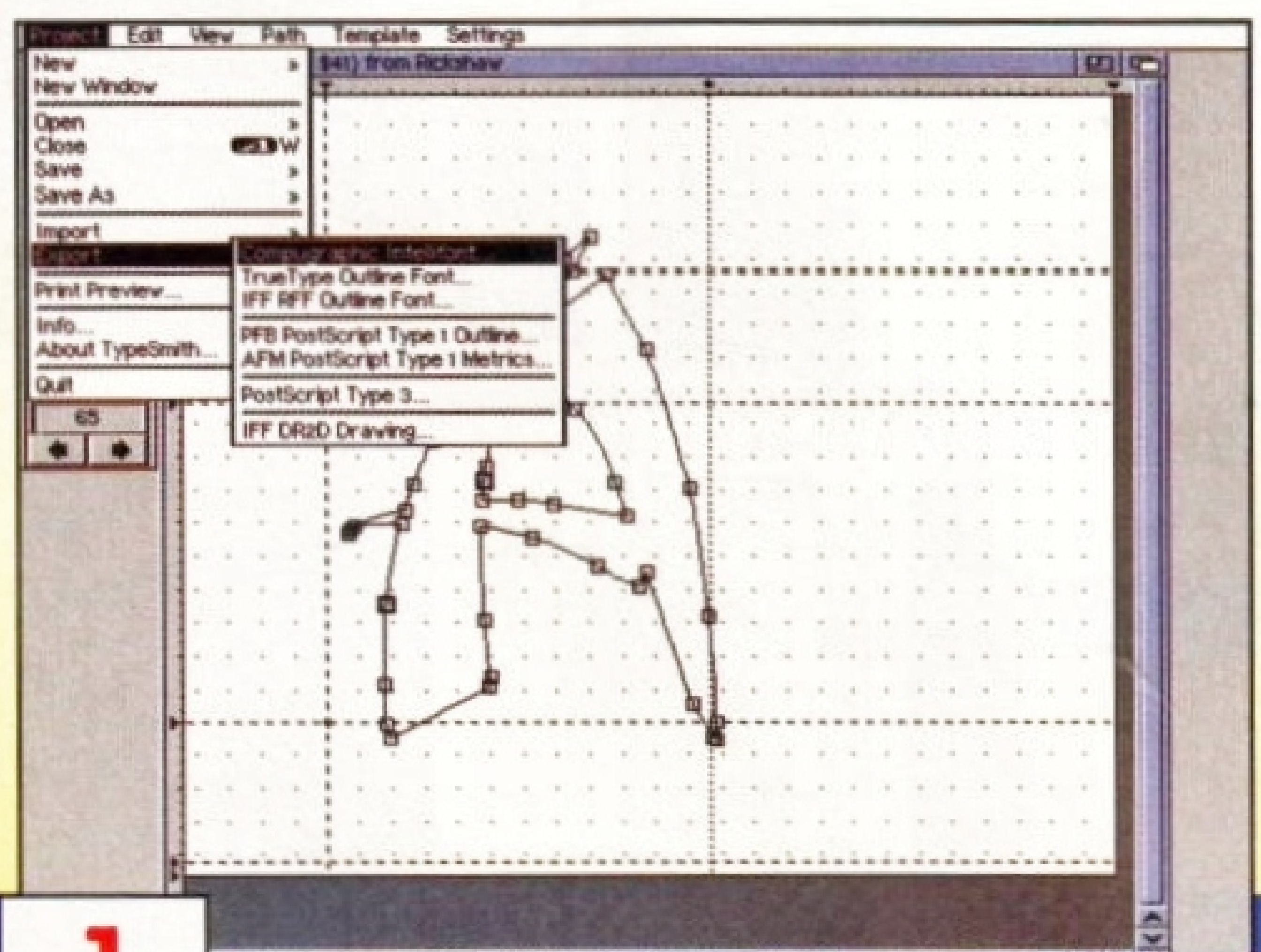
I want to save my font using the Export as Compugraphic or True Type formats, but the commands are ghosted in the menu. Why?

Before you can save your fonts, you must have open in *TypeSmith* a font outline and font metric in order to save in Compugraphic and True Type formats. If you have a font open but the commands are still ghosted, it's *TypeSmith*'s way of telling you that you probably don't have a font metric file open. This is a file that contains the character spacing and kerning information. If this happens, you should either:

- **Load the font metric file for the font (FM files for DMF fonts, and AFM or PFM files for PostScript fonts).**
- **Create a new font metric with the New Metrics command (Project menu).**

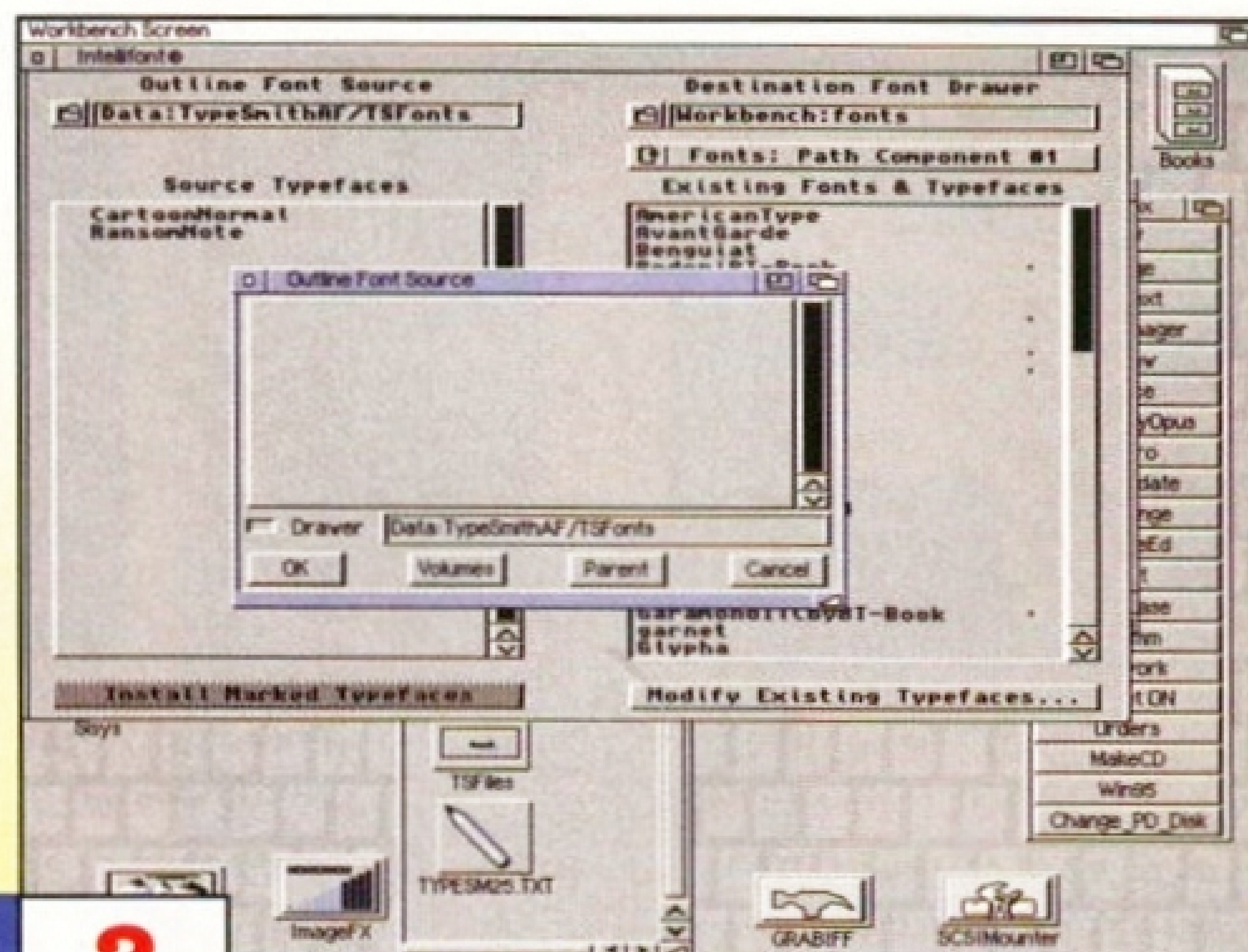
INTELLIFONT

In the System drawer on Workbench, there is a utility called *Intellifont*. This is used for installing new *Intellifonts* for use with Workbench and all applications that support such fonts. *Intellifont* can also be used for creating bitmap equivalents of outline fonts being installed. If *Intellifont* is not in the System drawer, have a look in the System drawer on the Extras disk for it.



1

Export from *TypeSmith* the font you want to install for Workbench. Make sure you export it into a drawer such as the one called TSFonts in TypeSmith's drawer. The font should be an *Intellifont* and have the extension ".type". If you export from *TypeSmith* as an *Intellifont* and don't have the "Create .dat and .metric files" check box ticked, *TypeSmith* will automatically add the extension ".type" to your font.



2

Open your Workbench System drawer and double click on the *Intellifont* icon. The *Intellifont* panel will open on Workbench. On the left hand side of the panel is a button called Outline Font Source. Click on that and choose the drawer where you have fonts you want to install. Click OK.

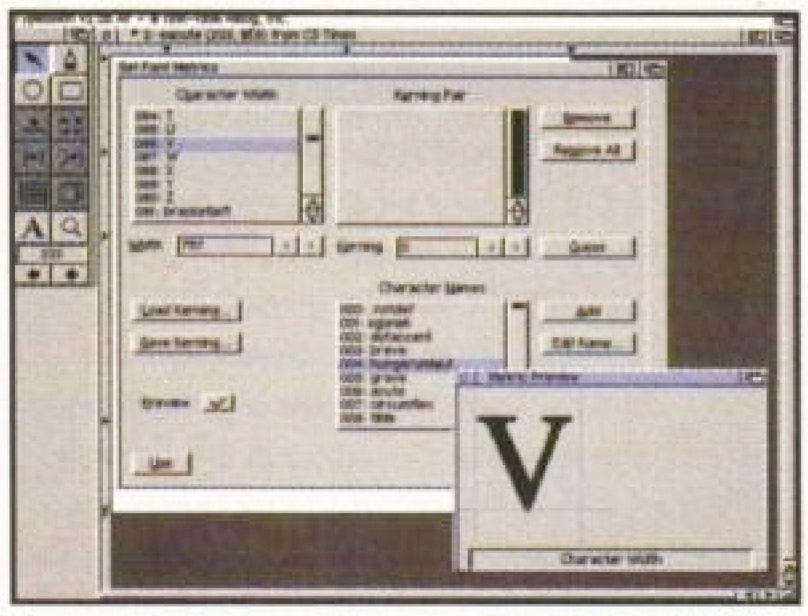
converting one format to another, as well as editing individual characters in a font and designing your font set.

TypeSmith has been around for many years and is an all singing and dancing program that will have you creating your own fonts in no time. Lets take a walk through some of its features to discover how special it is.

FONT CONVERSION TOOL

One of the most common functions you will use *TypeSmith* for is to convert one type of font into another. Lets say you have a program that can only use Compugraphic fonts but you have a CD with loads of Type 1 fonts on it.

TypeSmith will let you convert between the two thanks to a number of functions in the Project menu. If you press the right mouse button down to reveal the Project menu, you will see two menu items, Import and Export. Within these are sub menus for various formats like Compugraphic, True Type, PostScript Type 1 as well as one called IFF RFF. *TypeSmith* will also let you import IFF DR2D files which can be used to make your own fonts.



The metric information contained for a font can also be edited in *TypeSmith* so that when the text is placed on the page, space between characters is even and professional looking.

EDITING FONTS

Font conversion is however, only one part of the program. Run *TypeSmith* and you will notice a toolbox with a suite of tools designed for editing a character within a font.

The tools are divided into a number of types. The box and circle tools enable you to draw simple shapes while the Pen tool is for drawing complex ones.

Continued overleaf ➡

TIP: MISSING CHARACTERS?

I bet from time to time, many of you have used Compugraphic fonts and found that some characters do not render on-screen leaving nothing on the page or just an empty box. The problem is generally caused by the font being considered to complex by the application in question. By that I mean the font probably has characters that contain lots of detail and therefore far too many points. This is quite common with Public Domain fonts.

To get around this, you can use *TypeSmith* to make the font less complicated. Load the font into *TypeSmith* and use the "Reduce Points" function from the Edit menu to get rid of any surplus points. In one example, I managed to reduce a character that had 43 points to only having 32. Make sure you select all the points first before applying the function. This feature can also be used from the Overview panel.

Jargon

Compugraphic Intellifont
The Amiga standard outline format. There are a number of different versions for various applications.

Font ID
Each font you use must have a Font ID so that programs on your Amiga can distinguish one font from another. Knowing what that font ID can be is the tricky part and to help you with this I recommend getting the full package with the manual which has more information.

Font Encoding
On computers, there are numbered positions which set out where each character is positioned within a font. At position 66 there will be a capital B, at position 67 a capital C and so on. This is called Font Encoding. There are different types of encoding which are given names like *Adobe* encoding and *TypeSmith* encoding. To find out more, you will need the *TypeSmith* manual which discusses this in-depth.

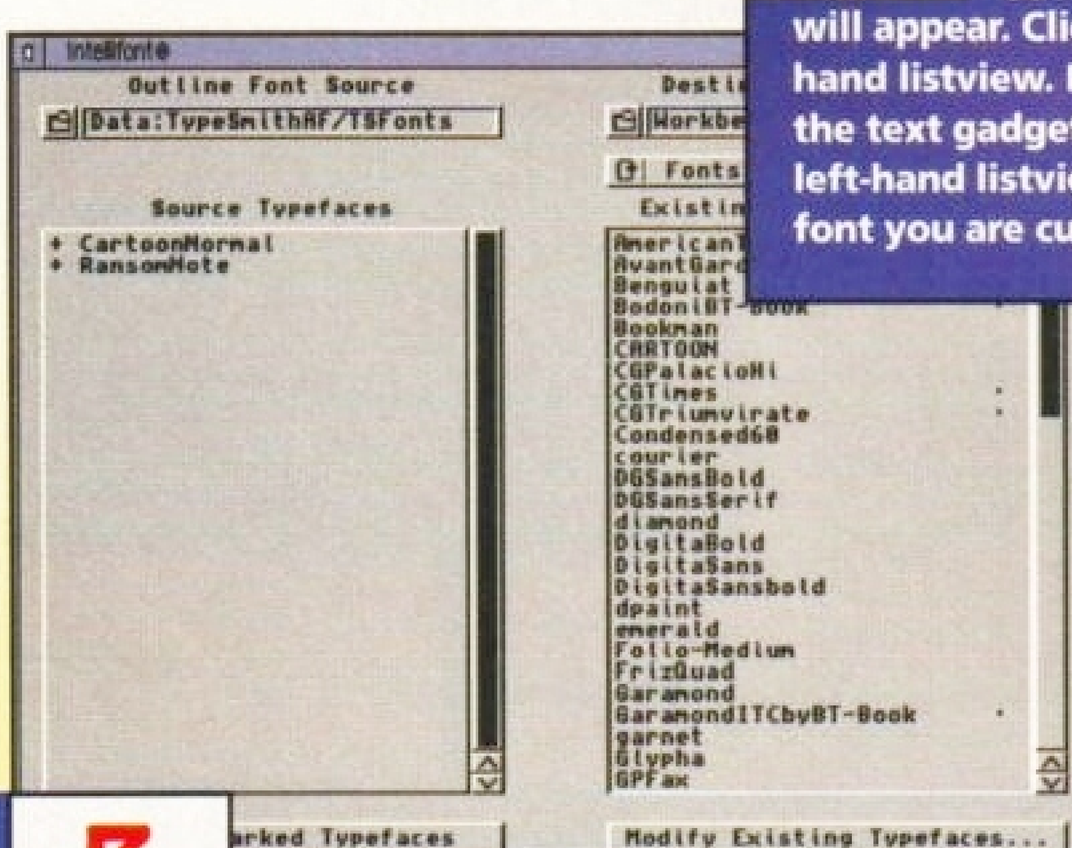
Font Metrics
This is a file that contains the spacing information for each character in a font.

Path
This is a term used to describe a series of line and curve segments. In *TypeSmith*, a curve must be a closed path which means that the start and end points are connected.

Points
The lines that make up a character contain points that define the line's shape.

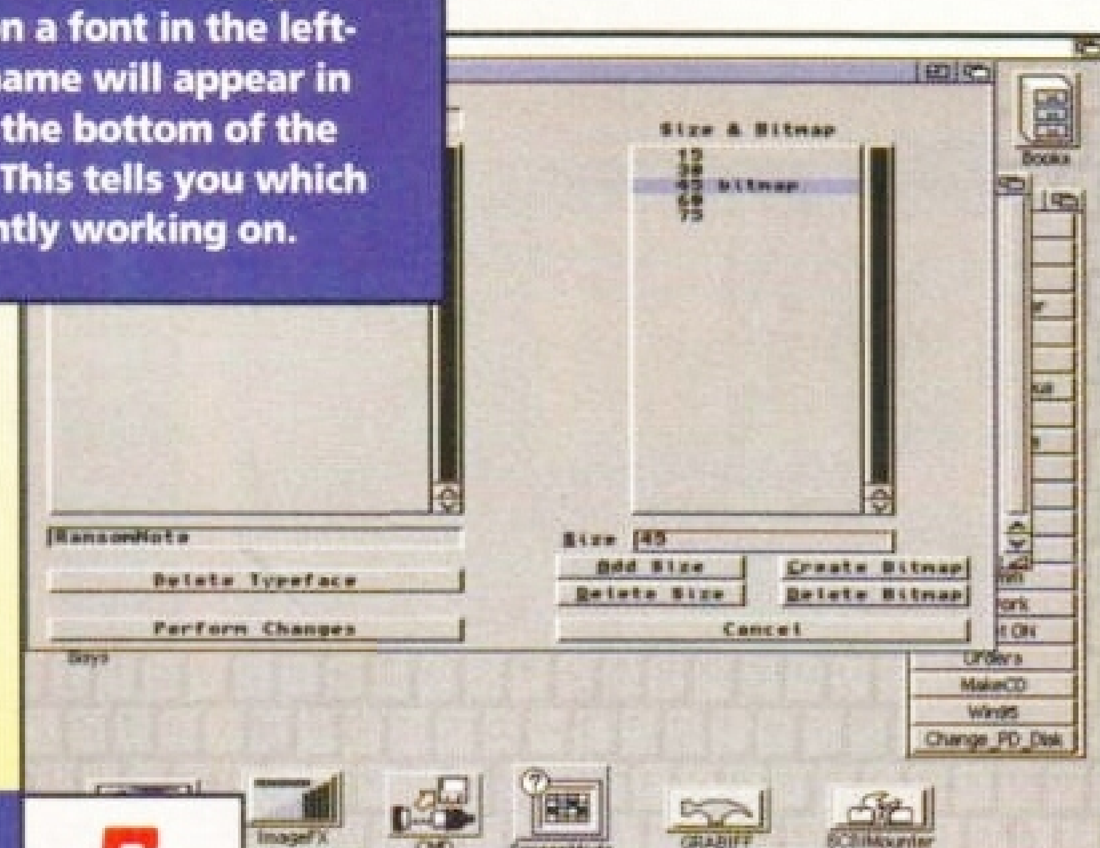
PostScript Type 1
A font format popular on the Amiga in programs like *Final Writer*, *PageStream* and *Lightwave*.

True Type Font
The standard outline font format on the PC also used by *Wordworth* and *PageStream 3* (with optional filter).

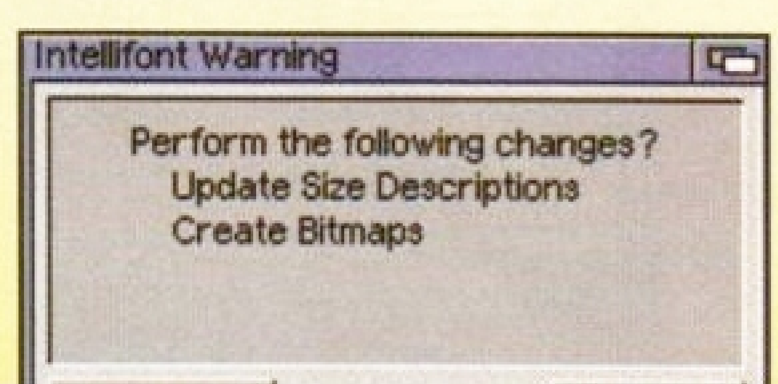


3 Any *Intellifonts* that are in that drawer will be added to the list in the left-hand listview. Click on them both to mark them and click on "Install Marked Typefaces". There names will then appear in the right-hand listview.

4 Click on "Modify Installed Typefaces" and a new panel will appear. Click on a font in the left-hand listview. Its name will appear in the text gadget at the bottom of the left-hand listview. This tells you which font you are currently working on.



5 In the right-hand listview are the attributes for that font such as the different sizes available and bitmap versions for it. Click on 45 and then on the "Create Bitmap" button.



6 Now click on the "Perform Changes" button. *Intellifont* will make the changes and then return you to the first panel for *Intellifont*. From here you can exit the program by clicking on the close button on the top left-hand corner of the panel

7 Reset your machine or run *FixFonts* and the new fonts will be ready for use by any program that can utilise Workbench's Compugraphic *Intellifonts*.

⬅ Below these tools in the toolbox are four tools for editing points in a character. These tools remain ghosted until you select two points that belong to a character. When you do this, you can then join points together, add a point between two others or convert the shape of a line between two points.

ADDING AND DELETING CHARACTERS

Editing fonts though is certainly not for the faint hearted and you may prefer to tackle some simple tasks before you really get your teeth into it.

A good starting point is to delete some characters from those contained within a fonts character set. This can be done in *TypeSmith* using the Show Overview item from the View menu.

When selected, a panel appears showing you all the characters that are contained within the font currently being edited. This is very useful because many fonts only come with a limited number of characters and by using *TypeSmith* you can find out what characters are present and then, if you want to, you can add or delete some.

BITMAPS TOO

It may seem strange for an outline font editor like *TypeSmith* to support bitmap font formats but, in many instances, you may require a bitmap which is the same as an outline version.

For example, you can create bitmap versions of a specific font for use in *PageStream* so that at certain sizes, *PageStream* will use the bitmap version, and at other times, the outline version. When you print, the outline version is always used.

TypeSmith also allows you the use of autotrace bitmaps. This means characters can be designed either in *TypeSmith*, on paper (and then scanned) or if you prefer, in a drawing or paint package.

As always, a program as powerful as *TypeSmith* is capable of a great deal more than I have highlighted here. The beauty of the program is that you can start off by just converting various fonts and then progress to editing exiting fonts and finally to designing your very own font.

It should also be remembered that *TypeSmith* is useful not just for desktop publishing, but those involved in video, 3D and many other applications as well. Read the tip boxes and the walkthroughs and hopefully you should be ready to get started and able to get the most out of this excellent programme. Enjoy!

WHERE TO GET THE FONTS

Having *TypeSmith* to play with is great but before you can do anything with it you need some fonts too. No doubt you already have some, but if you want loads more then there are a couple of places you can go to. Firstly if you have the CD version of Amiga Format you'll find loads of fonts on there. Alternatively, if you have a CD drive, you can contact LH Publishing (01908 370 230) about their range of CDs – they all contain hundreds of fonts in a variety of formats. Ask about *DTP-ToolBox* which has more than 1,000 fonts on it.

Another option is to try the most famous Amiga font supplier, EM Compugraphic on 01255 428666 for CDs and floppy disk packs of fonts. If you have a modem and access to the Internet, check out the Aminet site where you'll find loads of PostScript and Compugraphic fonts that you can play with in *TypeSmith*.

For those that also have a PC, you might like to convert your True Type fonts to a format you can use on the Amiga. But remember, most of these will probably be licensed fonts and shouldn't be given away to others.

WHAT PROGRAM USES WHAT FONTS

	Type 1	Compu-graphic	True - Type	Nimbus Q
Final Writer	x	x		x
Wordworth		x	x	x
Professional Page		x		
Professional Draw		x		
Workbench		*		
Art Expression	x			
PageStream 2	x	x		
PageStream 3	x	x	^	
Lightwave	x			
Deluxe Paint		x		
Personal Paint		x		
ImageFX		x		
Scala		x		
ADPro		x		
TV Text		x		

*** The Compugraphic format used by *ProPage, PageSetter,* and *ProDraw* differs from the Compugraphic format used by Workbench**

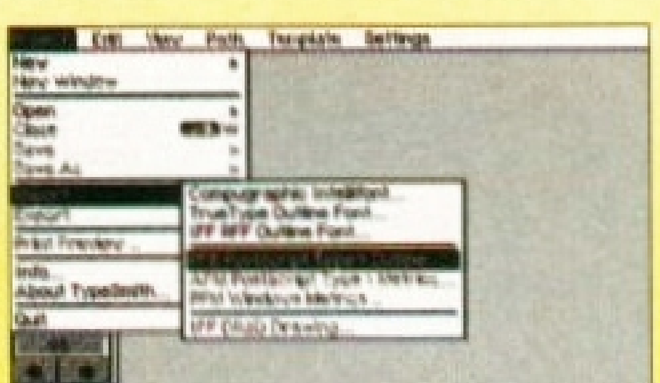
^ Requires the use of an optional filter

THANKS MICHAEL!

I'd like to stand on ceremony here and thank Michael Loader from Soft Logik for supplying us with all these tips.

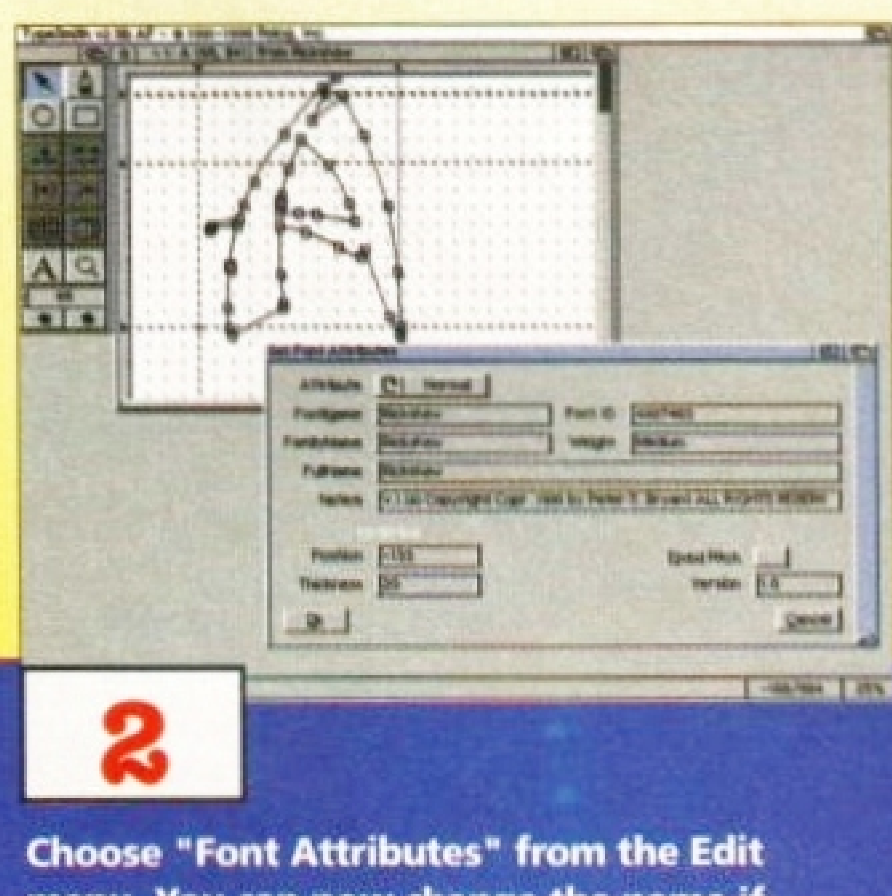
CONVERTING A FONT

One of the most popular functions for programs like *TypeSmith* is for converting a font from one format to another. The basic steps involve importing one type of format and saving it out as another.



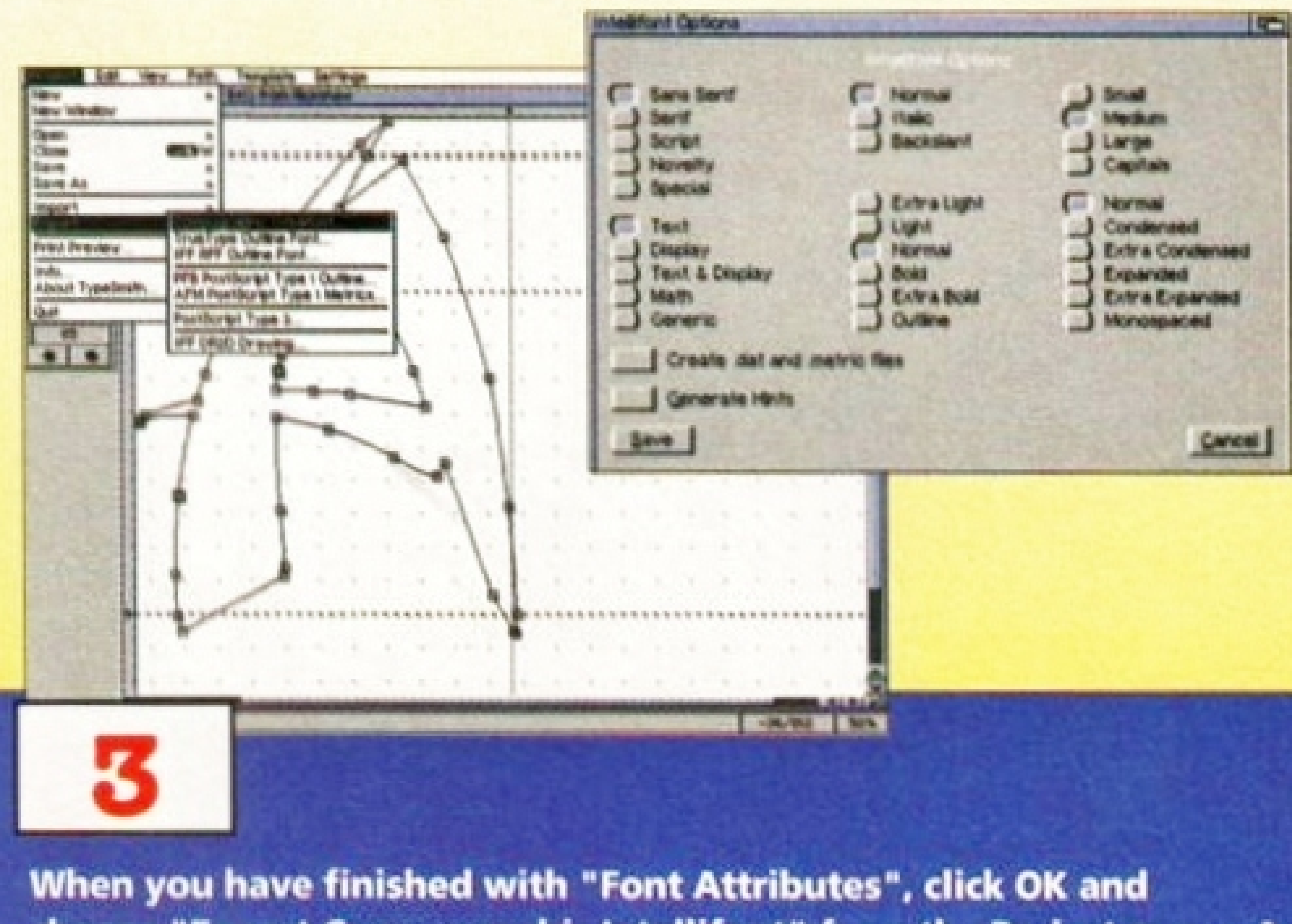
1

Run *TypeSmith* and choose from the Project menu "Import PFB PostScript Type 1 Outline". Point the requestor to the drawer where you have some PostScript type 1 fonts on disk. You will recognise them by the extension ".pfb". Click OK.



2

Choose "Font Attributes" from the Edit menu. You can now change the name if you want, give the font a different Font ID and so on. This is all optional, but it's worth knowing this panel exists in case you need it later.



3

When you have finished with "Font Attributes", click OK and choose "Export Compugraphic Intellifont" from the Project menu. A new panel will appear. If you are going to be using these fonts for Workbench, ignore the " Create .dat and .metric files" check box and click Save. The font will be saved to disk ready to be installed for use with Workbench. This is done using the *Intellifont* program.

Please note that the other attributes on this panel have no effect if you are using these fonts on the Amiga. If you want to use the font with *Professional Page, Professional Draw* and so on, make sure you click on the "Create .dat and .metric files" check box.



BREATHLESS
CATCH YOUR BREATH. IT MAY BE YOUR LAST...
AMIGA SUPERSTAR
GOLD
FREE DELIVERY
£24.99
"Breathless has boldly taken the Amiga where no Amiga has gone before." AMIGA FORMAT MAGAZINE
"At the moment there's nothing like it. This game plays as well as it looks" 92% CU AMIGA MAGAZINE
ORDER HOTLINE
01234 273000
256 AGA COLOURS • 3D RAYTRACED GRAPHICS • 360° FIRST PERSON PERSPECTIVE
20 AWESOME LEVELS • MULTIPLE WEAPONS SYSTEMS • REALISTIC LIGHTING EFFECTS
ATMOSPHERIC SOUND & MUSIC • HD INSTALLABLE • AVAILABLE FOR THE A1200/4000
POWER COMPUTING LTD 44A/B STANLEY ST. BEDFORD MK41 7RW
PLEASE RUSH ME A COPY OF 'BREATHLESS'
NAME
ADDRESS
TEL NO.
POSTCARD
I ENCLOSE A CHEQUE/PO FOR £
PLEASE MAKE CHEQUES PAYABLE TO POWER COMPUTING LTD

Networking part 2



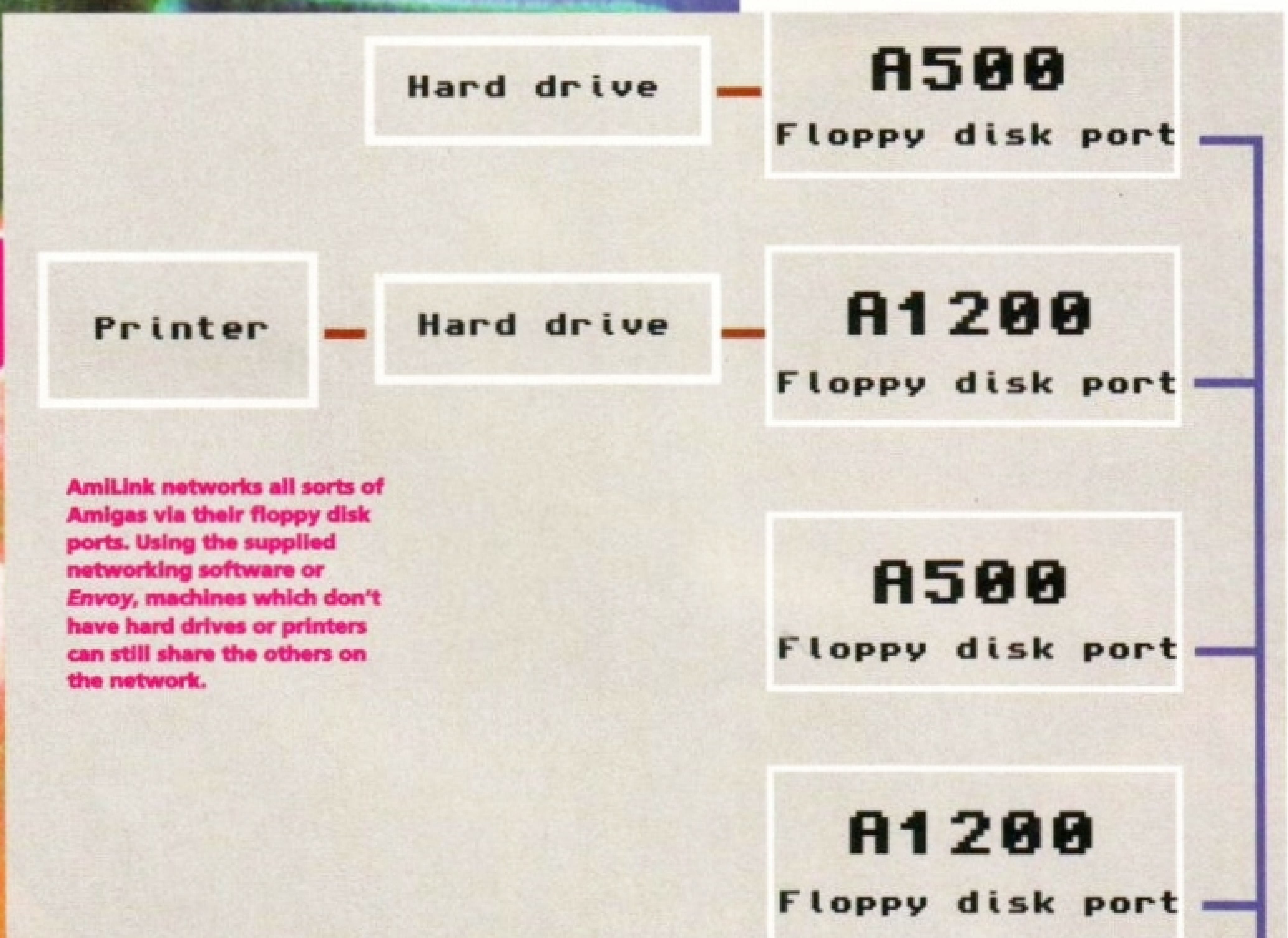
In the second part of his feature, John Kennedy analyses the hardware designed specifically for networking Amigas.

Last month we examined the advantages of having a network, and the various ways in which you could link computers together. This time we're looking at the Amiga specific hardware which is required to form networks.

PARALLEL PORT SYSTEMS

Every Amiga computer has a parallel port, and this makes it the ideal way to provide an easy networking system. Although of little use when more than two machines or multi-platform links are required, parallel port networks have a lot going for them.

From chatting to folk at Viscorp, it's clear that new Amiga's will have improved parallel port hardware which can only improve similar cheap networking solutions.



AmiLink networks all sorts of Amigas via their floppy disk ports. Using the supplied networking software or *Envoy*, machines which don't have hard drives or printers can still share the others on the network.

PARNET AND FRIENDS

ParNet was the first really useful networking system. By running this freely available program on two Amigas and building yourself a cable, you could share devices and copy files easily between machines. CDTV users benefitted most, as it provided their other Amigas with a CD-ROM drive for next to nothing. The software has been rewritten by various authors, and *ParNFS* is one of the best implementations.

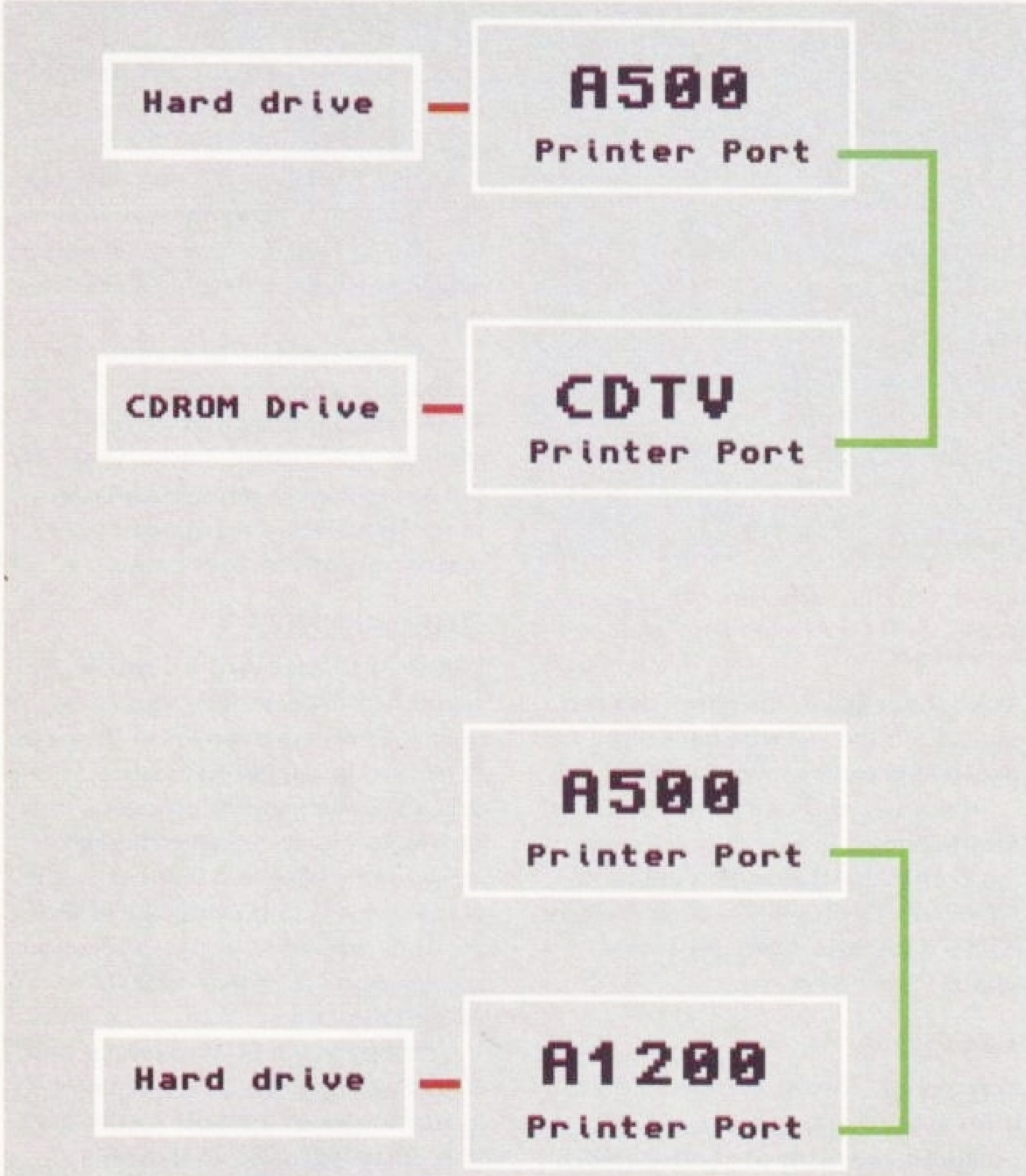
LIANA

Although parallel port based, Liana is interesting in that it is a SANA-II compliant system. This means it's possible to run networking software such as *Envoy* or *AmiTCP*. It's a good way of connecting older, less well endowed machines to larger work stations: for example, an A1200 or A500 connected to an A4000.

Running *AmiTCP* (or one of the other new TCP/IP stacks available) means that complicated networking systems can be constructed. For example, an A1200 connected to an A4000 via Liana could be gatewayed into an ethernet network which connects the A4000 to a collection of PCs and Apple Macs.

SERIAL PORT BASED NETWORKS

The serial port is designed for communications: it's where a modem is connected after all. In fact, pretending there is a modem attached is the simplest way of connecting computers. A "Null Modem" cable connected between two machines fools them both into thinking modems are being used, and therefore makes it possible to use ordinal comms software (that is, terminal emulation software) to upload and download files using protocols such as ZModem. This technique works well



Here are two possible ParNet networks. Remember, it's only possible to network two machines at most. Here's a CDTV linked to an A500: the A500 gets access to the CDTV's CD-ROM drive. In the second system, the A500 gets to use the A1200's hard drive.



between any two computers: Amiga/Amiga, Amiga/PC or Amiga/Mac – all you need is the necessary cable.

As you'll know, if you use the Internet with a dial-up account to Demon or some other provider, you can also use the SLIP or PPP protocols to allow the use of TCP/IP over the serial connection. It's also possible to make use of SLIP or PPP in a LAN situation: for example, an A1200 could use SLIP over a Null Modem cable connected to a PC running a suitable SLIP daemon. Such a setup is possible if the PC is running a particularly networking-friendly operating system such as the free UNIX clone, Linux.

FLOPPY DISK BASED SYSTEMS

Looking at the ports at the back of the Amiga, you'll notice one other connector free: the floppy disk port. AmiTrix development certainly noticed, and created the AmiLink system. This consists of small connectors which attach to the floppy-disk port of any Amiga, and end in a BNC style plug. Standard "cheapernet" Ethernet cable and connectors can then be used to form a network.

Although the same style of cables are used, AmiLink is not Ethernet compatible: you can't connect it to a PC or Apple Mac, only another Amiga with AmiLink floppy disk connectors.

The network is a lot faster and more convenient than serial or parallel systems. You are more likely to have a free floppy port (either on the back of the Amiga, or on the back of an external floppy drive) and you are free to connect printers, modems and so on.

The AmiLink drivers are SANA-II compliant, which means it's possible to run a TCP/IP stack or Envoy.

Again, using TCP/IP means an Amiga can be part of a larger network through another Amiga acting as a gateway machine.

ETHERNET HARDWARE

The best way of networking home computers is without doubt, Ethernet.

Continued overleaf ➡

RENDER FARMS

One reason, perhaps the main reason, for networking Amiga computers is the power that it gives to speed up rendering.

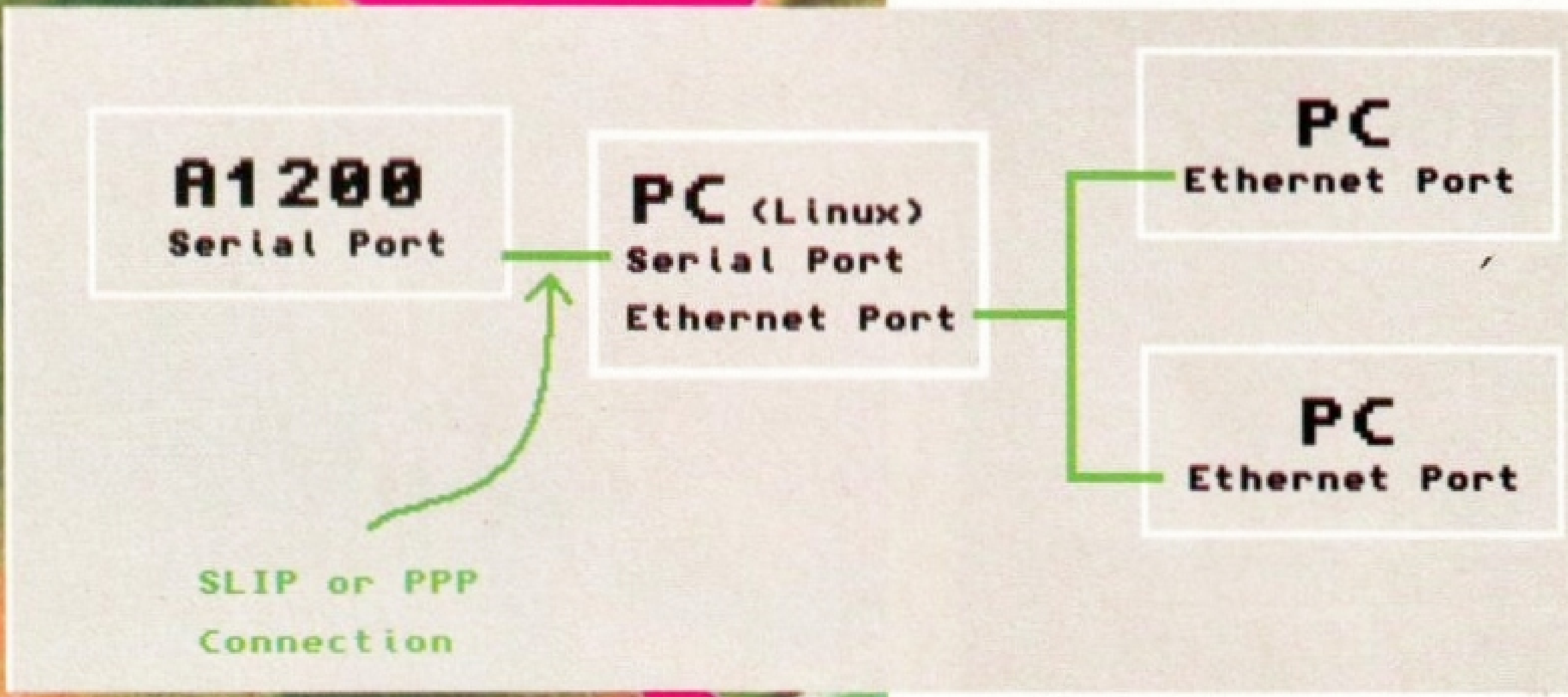
An Amiga with a 68040 processor might be able to render a high-quality frame of video in say, five minutes. By spending a lot of money and upgrading to a 68060 processor, you might be able to half this time.

However, for the same money you might be able to buy another Amiga and use this to render frames too. Or you might already have an Amiga with a 68060 – how can you possibly make it work any faster?

When you realise that video requires up to 30 frames a second you soon see that even a relatively short movie sucks up time at an incredible rate.

Using multiple Amiga computers to render individual frames automatically speeds up the rendering process. *Lightwave* includes support for "ScreamerNet" which distributes the work between different networked machines. One central machine, preferably with a large and fast hard drive, eventually collates all the rendering frames for subsequent editing, viewing or whatever

Networking also makes it possible use non-Amiga machines, such as WindowsNT based computers, which what they may lack in ease-of-use, make up for in brute force processing power. A DEC Alpha based machine can generate frames extremely quickly, and using the Amiga machine as a "front end" means the uniquely friendly GUI is not sacrificed.



ABOVE: Using the serial port, it's possible to connect via TCP/IP into another computer, and become part of a LAN.

⬅ It's fast, reliable and cheap. It's very popular on the PC, and that's why networking cards are about £50.

Ethernet cards are readily available for the Amiga, as long as your Amiga has Zorro slots, that is. This means an A2000, A3000 or A4000 – or perhaps an A1200 if you have fitted one into a suitable tower case.

ARIADNE

Commodore themselves made Ethernet cards at one time, and various American and German cards are still in circulation if you look around.

However, if you want to buy new your choice is limited to the Ariadne, a dedicated Amiga Ethernet card available from Blittersoft in the UK. It simply slots in, and comes with SANA-II compatible drivers.

If you want to network the Amiga with a second Amiga, you can then run *Envoy* and share drives and printers with very fast transfer speeds. Ethernet is a standard though, and so it's possible to connect the Ariadne to a PC Ethernet network. Using TCP/IP tools such as *FTP* and *Telnet*, you can access files on the other machines with ease. You can even make your own "intranet" and set up a World Wide Web server on the Amiga which the other machines can then access.

If you happen to be connecting the Amiga to a machine running WindowsNT, you can run a freely available utility called *Samba*. *Samba* lets the Amiga appear as a standard client to the WindowsNT machine which makes copying files even easier.

GOLDENGATE 2

The GoldenGate2 card is a special adaptor card for Amiga's with Zorro slots. It allows certain types of PC cards to be used in the Amiga's slots. It doesn't contain any PC processor, only the electronics necessary to handle memory decoding and interrupts. It is of relevance here because one of the PC cards supported by the GoldenGate is a standard NE1000 or NE2000 networking card.

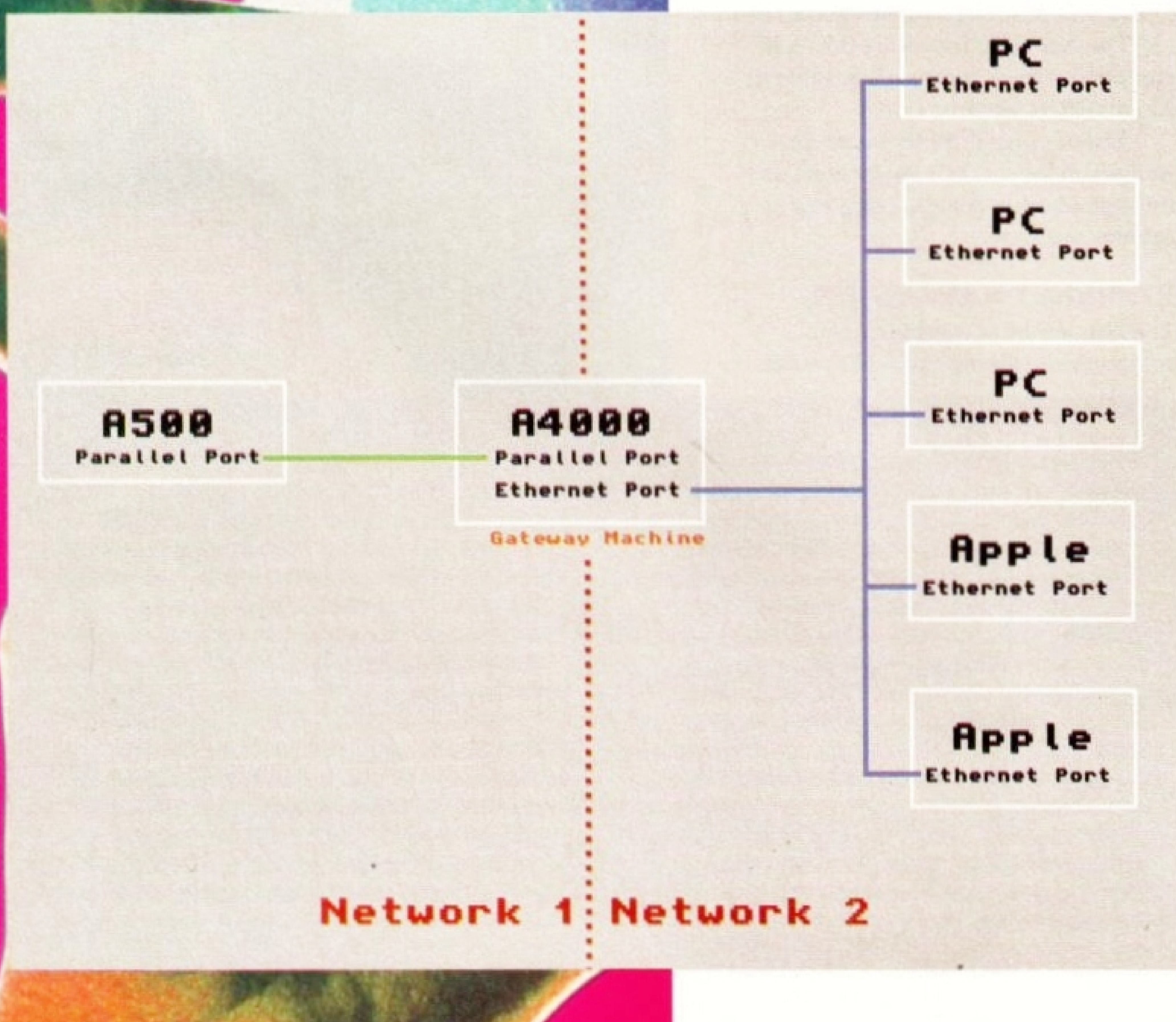
As long as the PC networking card is totally compatible (and has jumpers to set the various options) it will work with the standard SANA-II drivers supplied with the GoldenGate. In fact, in use there is very little to distinguish it from the Ariadne card except perhaps a tiny drop in performance. The GoldenGate card can be a very cost effective way of adding an Ethernet port.

A1200 ETHERNET CARDS

We're still searching, but apparently they really do exist! We're trying to track one down, and when we do we will bring you the facts and figures. It's easy to guess that any A1200 Ethernet card connects to the PCMCIA slot and provides a SANA-II driver.

SCSI NETWORKING

It's possible to connect host machines to a single SCSI bus, and so share access to hard drives in this way. It's possible, but it's not easy. HiQ systems have ironed the bugs out of this system and use it in their Siamese Half Amiga/Half PC box of tricks. AF

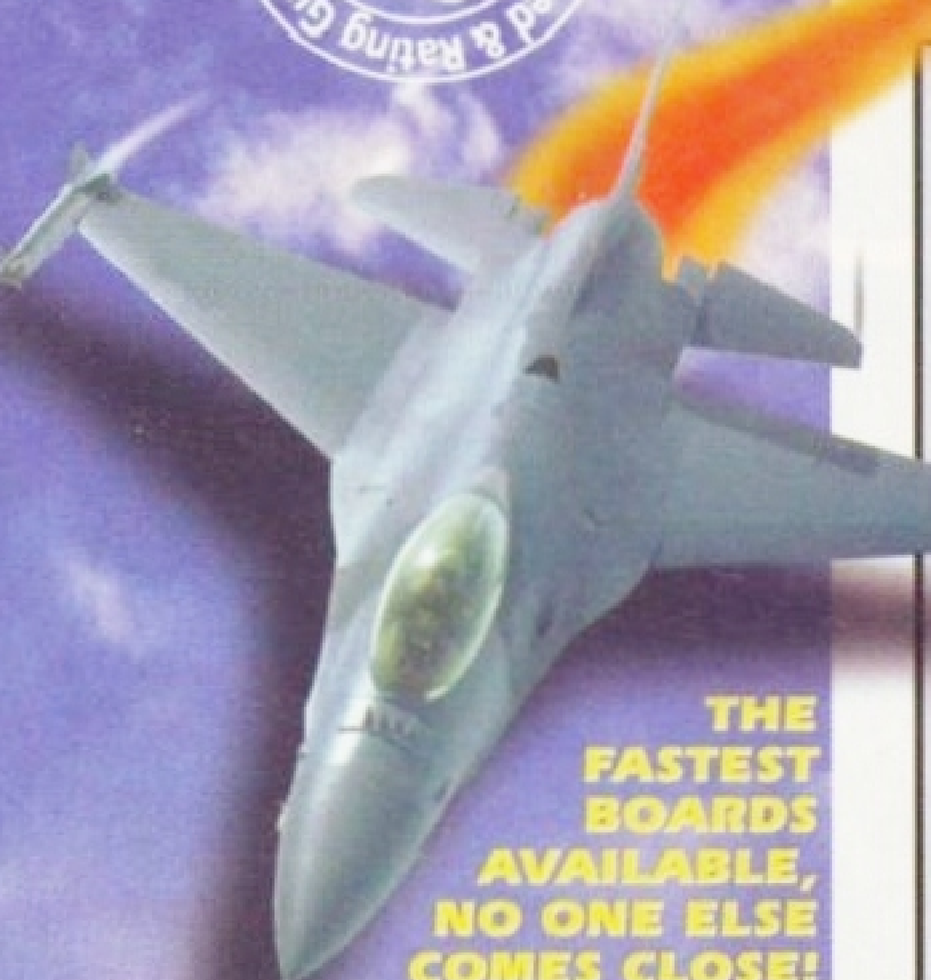


LEFT: Here's how an A500 can be networked to a LAN full of PCs or Apples. The A4000 has an Ethernet card and acts as a gateway between the two networks. The technical term for this set-up is an "internet" with a small "i".

NEXT MONTH...

In the final installment of our Networking extravaganza, we'll be bringing you details of the fabled A1200 Ethernet card, plus performance results of all the systems mentioned in this article.

The World's FASTEST AMIGAS are on this page!



THE FASTEST BOARDS AVAILABLE, NO ONE ELSE COMES CLOSE!
COMPARE THE PERFORMANCE FIGURES FOR YOURSELF!

System	MIPS
Std A500/600/1500/2000	0.55/0.72
Standard A1200	1.33
Standard A3000, '030	4.43
A1200 with 1230-IV, '030 & 4Mb	9.91
Standard A4000, '040	19.10
A1200 with 1260, '060 & 4Mb	38.71
A1500 /2000 with 2060, '060 & 4Mb	38.71
A4000 with Cyberstorm, '060 & 4Mb	39.85

Comparative MIPS performance figures measured using SysInfo. Each board had the appropriate SIMM fitted (required to activate accelerator).

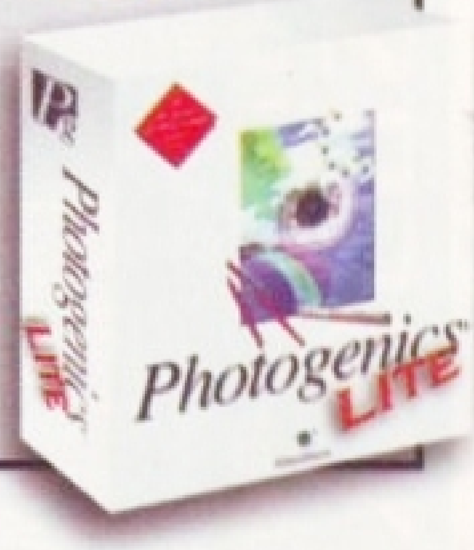
CYBERVISION 64

64-BIT ENGINE A3000/4000 24-BIT COLOUR ACCELERATED GRAPHICS CARD. For all Zorro-3 Amigas, this 64-Bit high speed graphics engine/blitter offers up to 1600 x 1200 pixels in 8-Bit colour or 1024 x 768 pixels in True 24-Bit Colour, with 2Mb of display memory (4Mb user upgradeable).

Cybervision 64... 2Mb - £299.95
Cybervision 64... 4Mb - £399.95

LIMITED OFFER FREE PHOTOGENICS LITE SOFTWARE WITH CYBERVISION 64s

FREE PhotoGenics LITE...Powerful software for image manipulation - the ULTIMATE 24-bit graphics package for A3000 or A4000! Includes 27 effects for processing photos/images such as Emboss, Solarize, Texturize, Add Noise etc. as well as Paint Tools inc. Chalk Pastels, Crayon, Felt Tips & more - Brilliant! (Packaging is shown for illustration purposes only and is not included)



CYBERSTORM II

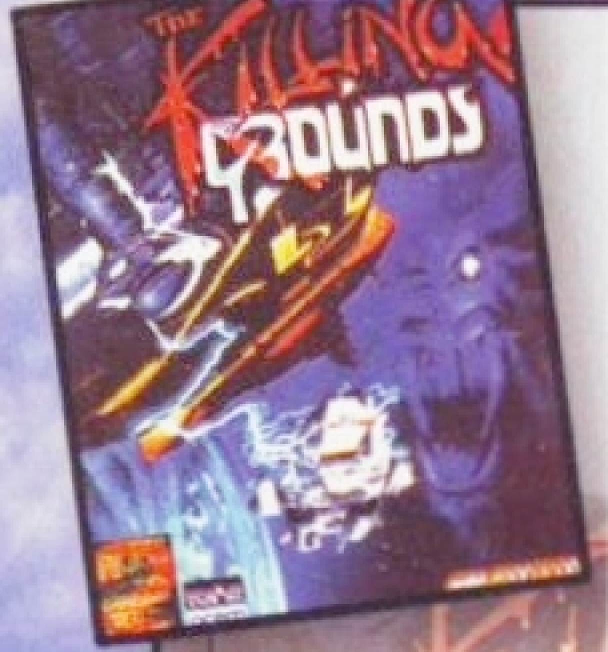
NEW — THE WORLD's FASTEST... NO QUESTION!

NEW SECOND GENERATION OF THE FIRST EVER 68060 AMIGA ACCELERATOR
When you fit Cyberstorm II to your A3000, A3000T, A4000 or A4000T you can, for example, render a graphic with Imagine 2.0 software in Just 2.45 minutes... Compare that with a massive 10.34 mins on a standard A4000 '040/25! With no jumpers Cyberstorm II is fully plug and play and A4000 users can choose between SCSI-2 and SCSI Fast and Wide options (A3000 users already have SCSI built into their Amiga hardware).

- Up to 128Mb of standard SIMMs can be installed and you can even transfer the 72Pin SIMMs from your Amiga A4000 straight onto your new Cyberstorm.
- Options include a SCSI-2 module, or a SCSI Fast and Wide module *(Available in April/May '96)*

Cyberstorm II 68060/50...

50MHz 68060, 0Mb - Expandable to 128Mb)	£699.95
SCSI-2 Module	£99.95
SCSI Fast & Wide Module *(April/May '96)*	£149.95
SIMM RAM Expansions *(Please call for a range of SIMM prices)*	



FREE KILLING GROUNDS ALIEN BREED 3D 2 with all Blizzard 1260 and 1230-IV Accelerators

FOR A LIMITED PERIOD ONLY!

Worth £29.95 While stocks last!

IN A BLIZZARD NO ONE CAN HEAR YOU SCREAM

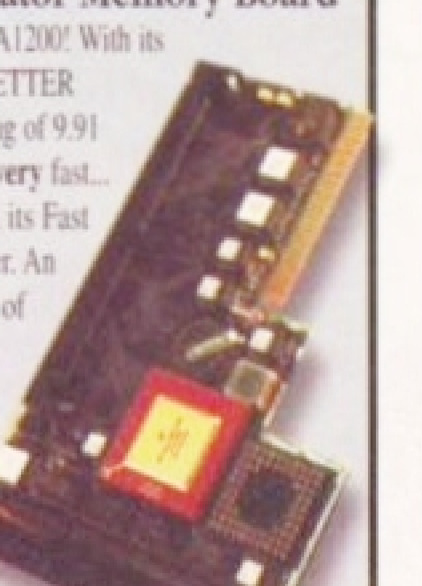
TEAM17 ocean

BLIZZARD 1230-IV

50MHz 68030 A1200 TURBO ACCELERATOR & MMU
0Mb as Standard, Expandable to 128Mb
9.91MIPS with 60 Nanosecond SIMM fitted

The Blizzard 1230 MkIV Turbo Accelerator Memory Board is the highest performing 68030 accelerator available for the A1200! With its 50MHz 68030 and MMU, the new 1230-IV offers EVEN BETTER PERFORMANCE at a LOWER PRICE! With a SysInfo rating of 9.91 (using a 60 Nanosecond SIMM) you can see the 1230-IV is **very** fast... a performance gain of up to 500% is achieved! Options via its Fast Expansion Bus include Modules such as a SCSI-2 Controller. An industry standard SIMM socket provides for up to 128Mb of auto-configuring 32-Bit FAST RAM (or up to 256Mb with the SCSI-2 option using its extra SIMM socket).

- May be disabled with Simple Keystroke on Boot Up for Full Games Compatibility, even with Badly Programed or Older Software!
- Battery Backed Self Recharge Real Time Clock
- High Performance Expansion with Full 32-Bit wide DMA
- PGA FPU Socket allowing Optional 50MHz, 68882 FPU
- Easy Trapdoor Installation - no modifications required and does not invalidate the Amiga's Warranty



1230-IV Turbo 50MHz 68030 & MMU 0Mb, 32-Bit Fast RAM - Expandable to 128Mb	£179.95
Fast 60 Nanosecond 4Mb SIMM RAM Expansion 32-Bit, 72 pin *(Call for Larger SIMM prices)*	£109.95
Motorola Maths Co-processor 68882 PGA type FPU, 50MHz	£99.95
SCSI-IV KIT SCSI-2 Module for 1230-IV and 1260, with additional 128Mb SIMM socket	£89.95

THE WORLD's FASTEST A1200 '030 ACCELERATOR!

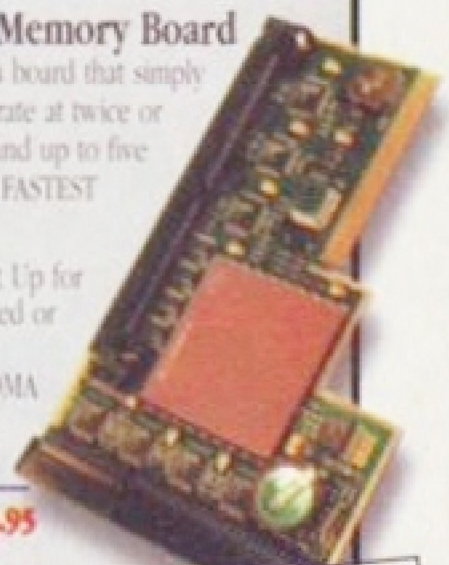
BLIZZARD 1260

SHIPPING NOW!

50MHz 68060 A1200 TURBO ACCELERATOR & MMU
0Mb, Expandable to 64Mb
38.71MIPS with Single Sided 60 or 70 Nanosecond SIMM fitted

The Blizzard 1260 Turbo Accelerator Memory Board offers Amiga A1200 owners FULL 68060 POWER with a board that simply plugs into the trapdoor slot! Now your A1200 will operate at twice or even three times the speed of an '040 based upgrade and up to five times the speed of a standard A4000! If you want THE FASTEST A1200 available, fit a Blizzard 1260 Turbo now!

- May be disabled with Simple Keystroke on Boot Up for Full Games Compatibility... Even badly Programed or Older Software!
- High Performance Expansion - Full 32-Bit wide DMA
- Battery Backed Self Recharge Real Time Clock
- Does not invalidate the Amiga's Warranty



1260 Turbo 50MHz 68060 & MMU 0Mb, 32-Bit Fast RAM - Exp. to 64Mb	£599.95
SCSI-IV Kit SCSI-2 Module for 1260 and 1230-IV, with additional 128Mb SIMM socket	£89.95
Fast 60n/s 4Mb SIMM RAM Expansion 32-Bit, 72 pin Single Sided *(Call for larger SIMMs)*	£109.95

EASY TRAPDOOR INSTALLATION... No modification necessary. Reliable low heat output.

BLIZZARD 2060

50MHz 68060 A1500/A2000 TURBO ACCELERATOR & MMU
0Mb - Expandable to 128Mb
38.71MIPS with 60 or 70 Nanosecond SIMM fitted

The Blizzard 2060 Turbo Accelerator Memory Board offers A1500 and A2000 owners the same specification as the Blizzard 1260 Turbo, but also includes built in SCSI-2 interface! So, if you want the fastest A1500/2000 around with FULL 68060 POWER... fit a Blizzard 2060 now!

2060 Turbo 50MHz 68060 & MMU with Built In SCSI-2 0Mb, 32-Bit Fast RAM - Expandable to 128Mb	£699.95

GH GORDON HARWOOD COMPUTERS
Gordon Harwood Computers Limited
Dept. AMF/B7 New Street, Alfreton, Derbyshire. DE55 7BP
01 773 836781
or FAX: 01 773 831040
harwood@applelink.apple.com

Please note: Memory, SIMM and FPU prices may change without warning due to exchange rate fluctuations. Please confirm price prior to ordering. CALL TO CONFIRM AVAILABILITY BEFORE MAKING A LONG JOURNEY TO VISIT US. OUR OPENING TIMES ARE... Monday to Saturday, 9am until 5pm

All Blizzard and Cyberstorm products use brand new MOTOROLA 680X0 series processors (not used as in some of our competitors' boards). They always run **WITHIN** the electrical timing specification laid down by Motorola to prevent any possible overheating/reliability problems. So, when you pay for a new 50MHz CPU for example, that's exactly what you get... not a 40, 33 or even a 25MHz CPU "clocked" to 50MHz! Look out for the **MOTOROLA MOTIVATED** logo - your guarantee of our commitment to quality and reliability - **BEWARE** of "clocked" CPUs!

OUR RANGE HAS WON MORE AWARDS THAN ANY OTHER...

AMIGA FORMAT GOLD · AMS READER AWARD · CU AMIGA SUPERSTAR · AMIGA SHOPPER Star Buy · BLUE CHIP AWARD · TOP RATED

What the Magazines think...

Blizzard products have consistently achieved the highest magazine accolades and awards!

Amiga Shopper *said "...the Blizzard 1260 is destined to become the ultimate object of desire for A1200 owners."* - **91% STAR BUY Award**

Amiga Computing *"...If you want the fastest Amiga in the World, get this board."* **92% BLUE CHIP Rating**

Amiga Format *"...Ride on the fastest A1200 in the World..."* - **95% GOLD Rating**

How to Order from GH...

BY PHONE: Simply call our order line. We accept VISA, Mastercard, Access, Switch, Connect, Delta AMEX and Lombard Creditcharge (most 'store cards' are Lombard eg. Dixons, Currys etc) - WITH NO TRANSACTION SURCHARGES!

BY POST or FAX: Include your name, address and daytime/evening phone/fax number plus order details. If charging a credit/debit card include... number and valid from/expiry date (and issue number with Switch cards). Make Cheques (please allow 7 days clearance), Drafts or Postal Orders payable to Gordon Harwood Computers Limited.

GH PRICES: Please remember to confirm prices in case you are looking at an 'old' magazine. Prices can change (up or down) before the magazine's cover month has passed. Please confirm before sending orders by post. Prices inc. VAT at 17.5%.

DELIVERY: We offer prompt shipment with fully insured express delivery options throughout the UK, Europe and Worldwide at a very modest cost. If ordering by post please call to confirm delivery charges.

EXPORT: Most items are available Worldwide, and at TAX FREE PRICES to non EC residents and most overseas UK Armed Forces Personnel (with CO's document). Please call us for confirmation of prices and carriage charges etc.

GH WARRANTY: Manufacturers' standard warranties apply or, ask about GH's comprehensive extended options which are always recommended for professional users to minimise costly down time. Ask GH for full details.

ALWAYS CALL FIRST TO VERIFY PRICE AND AVAILABILITY, BEFORE PLACING AN ORDER.

White Knight Technology

The *AMIGA*, DEC Alpha & Non-Linear Computer Based Video Editing *Specialists*

ALL PRICES INCLUDE VAT

The DraCo Video Editing Workstation

Youve seen the reviews, now buy the machine.

A professional, S-VHS / Hi8, non-linear video and audio editing system, upgradable to broadcast quality. The Draco is a 50MHz 68060 based Amiga clone with high speed 24-Bit graphics, fast SCSI-2 controller, CDROM, 5 fast Zorro II Slots and 3 Draco Direct 32-Bit slots. It is supplied with 8Mb, the DraCo Motion, full motion JPEG card, and Toccata 16-Bit sound card. A 1Gb SCSI-2 drive for audio, applications & data, plus a 4Gb Fast SCSI-2 drive for video. Future upgrade options include a DEC Alpha AXP Co-Processor and SMPTE timecode board. The new DraCo Direct Vlab Motion, "DraCo Motion", offers optional component YUV for Betacam, Sony Mini DV, D1 and D2 in and out. With compression as low as 4:1, the video output is upto full Broadcast Quality.

£ 6099 Self Build or **£ 6399** Built, Configured & Tested

For More Information, Or To Book A Demonstration, Please Call

01920 822321

9.30am - 6.00pm Monday - Friday

E&OE 05/06/96

VISA

2.5% Surcharge On Credit Cards. NOT SWITCH or VISA-DELTA

FAX 01920 822302

PO BOX 38, WARE, HERTS., SG11 1TX

MACROSYSTEM PRODUCTS

We Are The Sole UK Distributor For MacroSystem (Germany) Products

DraCo Non-Linear Editing Computer Available Now & On Demo From	£ 3,199
DraCo Budget 68040 Version	£ 2,399
DraCo Motion Broadcast Quality JPEG Video & Audio Editing for the DraCo.	£ 1399
YUV Option For DraCo Motion, I/O	£ 469
Mini DV Option For DraCo Motion	£ 469
D1, D2 & SMPTE Options	£ Call
VLab Motion Near S-VHS Quality JPEG Video Editing + Animation Playback.	£ 999
Toccata 16-Bit Stereo Sound Card	£ 299
Samplitude Pro For Toccata	£ 115
Samplitude SMPTE For Toccata	£ 169
VLab Y/C Real-time digitiser card	£ 299
VLab Y/C Ext. Real-time digitiser	£ 359
Retina 24-Bit Graphics Card, 1Mb	£ 189
Retina 24-Bit Graphics Card, 2Mb	£ 239
Retina Z3 Card for A4000, 1Mb	£ 369
Retina Z3 Card for A4000, 4Mb	£ 499

Product Specifications Available On Request

NEW DraCo Direct, 32-Bit VLab Motion

CYBERVISION Price Drop



HARD DRIVES (SCSI-2 & IDE)

SCSI	1.0Gb	2.1Gb	4.2Gb	3.5"
	£ 269	£ 359	£ 799	
IDE	1.2Gb	1.6Gb	2.5Gb	3.5"
	£ 209	£ 239	£ 399	

Seagate Barracuda 4.2Gb - Only £1129

HIGH-SPEED RENDERING

With an ALPINE 275MHz DEC ALPHA Workstation

This is a must for any professional 3D animator.

Specifications : 275MHz DEC Alpha AXP21064 CPU 2Mb cache + 32Mb RAM, 1Gb SCSI-II Drive and CDROM, 2Mb Stealth Video card, PCI Ethernet card & Windows NT. In Tower Case with Keyboard & Mouse.

All This For £ 4,999 (Including VAT !)

CALL FOR SPECFICATIONS, OR A DEMO

We Also Supply 266 & 300MHz 21164 Machines

MICRONIK TOWER CASES

Amiga 4000 Full Size, 7 Slots NOW	£ 439
Amiga 1200 Mini Tower, 5 Slots	£ 499

A1200 Infinitiv Design Case Is Complete With An Amiga Keyboard Case & PCMCIA Adaptor. Both Cases Have Power Supply & Zorro Slot Busboards

An A1200 Zorro III Busboard Will Be Available Soon

Sorry, MicroniK Case Parts Not Sold Seperately

A3000/4000 PRODUCTS

CYBERVISION 64 ULTRA FAST 64-Bit GRAPHICS CARD, With PHOTOGENICS LITE - 2MB £ 289 4MB £ 349

CYBERSTORM

Mark II, 50MHz 68060

New Version For A3000/T & A4000/T

For Only £ 699

With SCSI-II Controller £ 799

BLIZZARD 060 Accelerators

With 50MHz 68060 (Inc. MMU & FPU)

BLIZZARD 1260 For The Amiga 1200, Exp. to 64Mb RAM, Optional SCSI £ 599

BLIZZARD 2060 For The A1500/2000, Exp. to 128Mb RAM, Built in SCSI £ 699

Blizzard 2060 Requires The OS 3.1 Upgrade Kit

VIDEO / GRAPHICS PRODUCTS

PAR (Amiga /PC) with FREE 1.2Gb Drive	£ 1,949
RENDALE 9402 SVHS / HI8 GENLOCK	£ 295
RENDALE 8802 Composite GENLOCK	£ 149
HAMA 290 YC & Composite GENLOCK	£ 745
LOLA 1500 Composite GENLOCK	£ 175
LOLA 2000 YC & Composite GENLOCK	£ 349
SCALA MM400 Titling & Multimedia s/w	£ 295
PICASSO II 24Bit Graphics Card, 2Mb	£ 249
MICROVITEC 17" M/Sync Amiga Monitor	£ 649
MICROVITEC 14" M/Sync Amiga Monitor	£ 289
LIGHTWAVE 3D V4 Amiga, CD Version	£ Call
LIGHTWAVE 3D V5 PC or DEC Alpha	£ 1169
LIGHTWAVE 3D V5 PC UPGRADE From V4	£ 411

Removable SCSI

SYQUEST EZ135 DRIVE

135Mb Ext. + 1 x Cart.	£ 199
135Mb Cartridge x 5	£ 80

IOMEGA ZIP DRIVE

100Mb Ext. + 1 x Cart.	£ 189
100Mb Cartridge x 5	£ 75

SYQUEST 105S DRIVE

105Mb Int. + 2 x Cart.	£ 159
105Mb Ext. + 1 x Cart.	£ 159

32-Bit, 72Pin Memory SIMMs

At All-Time Low Prices !

4Mb	(70ns)	£ 59
8Mb	(70ns)	£ 89
16Mb	(70ns)	£ 159
32Mb	(70ns)	£ 309

PROFESSIONAL SERVICES

Full Commercial Rendering Service for Lightwave 3D Using our DEC Alpha & Amiga

Transfer Of Frames To Video

Please Telephone For Further Details

AMIGA 4000T

A4000T-040 25MHz 040 CPU With 6Mb RAM and 1.0Gb Fast SCSI-2 Drive

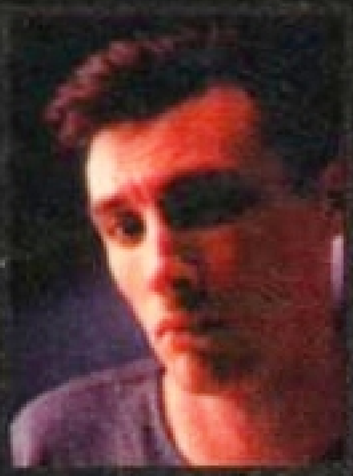
From £ 1999

OTHER PRODUCTS

PD DRIVE, REAL 3D, ETHERNET, DAT DRIVE, CDROM DRIVES, EMPLANT

AF SCREEN PLAY Previews

With all the news, from around the world, of all the forthcoming games due to hit an Amiga near you 'Real Soon Now'.



Andy Smith

The move by some of the bigger software houses away from the Amiga may mean you can't walk into your local WH Smiths and pick a game from the hundreds they've got on offer any more, but that's not really something to worry too much about because it does mean there's room for the small software houses (even the one-man ones) to show the world what they've been up to.

And just because it's been developed by a largely amateur group doesn't mean it's automatically crap. Over the last few months we've had some top games that have originated in someone or other's back bedroom and we've even had games appearing in the Reader Games' section that would be worthy of the coveted Format Gold award.

The point I'm trying to make here is that the Amiga games scene is very much alive and kicking. You may have to send away for the games these days but a couple of days' wait for a game that's going to keep you playing for weeks is a small price to pay. Take heart Dear Games Player, for there are many, many reasons to continue hugging your Amiga.

AMIGA FORMAT'S REVIEW POLICY

Every month we scour the world's software houses for the latest and greatest Amiga games. We try to ensure we keep you as up-to-date as possible and we'll stop at nothing to bring you the best, definitive, no-nonsense reviews of the games that matter.

WHAT OUR REVIEW SCORES MEAN

90+% The crème de la crème. Only the very best, most playable and original games are awarded an *AF* Gold – the most highly prized rating there is.

80-89% These games are very good, but due to minor flaws are not the finest examples of their genre.

70-79% Good games which are worth buying, especially if you have a special interest in a game type.

60-69% Average releases with somewhat limited gameplay and appeal. Games in this category tend to be flawed.

50-59% Below average games which are unlikely to impress your mates or your wallet. Avoid.

40-49% Overwhelmingly poor quality games with major flaws and appalling gameplay.

Less than 40% The absolute pits.

THE DARING ADVENTURES OF ROBIN HOOD

All Amigas ■
BPM Promotions ■
01232 626694

Billing itself as similar to games like *Monkey Island* and *Simon the Sorcerer* in that the game's packed with bags of humour, this point and click adventure has been created using BPM's Reality Software Construction Kit.

The action's set in and around Sherwood Forest (well, it would be really wouldn't it) and focuses on Robin's continuing struggles with Prince John and the Sheriff of Nottingham (altogether now, BOO!)

According to BPM the game's going to feature some very fiendish puzzles and tricks as the player moves around the 100+ locations, that will take him to Medieval castles and villages as well as the familiar territory of Sherwood. They also reckon that even the most hardened adventure freaks will be occupied with this one for a very long time.

We're just hoping that the phrase 'very fiendish puzzles' doesn't actually just mean 'really illogical puzzles that not even the smartest lateral thinker would be able to put together'. It's happened before and it's been the downfall of many a adventure in the past. But no! Now is not the time to be negative! We're looking forward to this one, and we're sure it's actually going to be most excellent fun!

We'll be bringing you a full review as soon as we get a finished copy which is due for release around September time.



RIGHT: "Aye Robin, 'tis a goodly roast. It feedeth many and costeth not a lot." Good ol' Friar Tuck eh? And those old British pork TV ads.



LEFT: Robin in Sherwood conversing with a viking. Yes, well you can tell already that this is no accurate history lesson.

DOMINIONS 1, THE CHTHONION

Intersect Development ■
All Amigas with 1Mb

Here's an early look at a new adventure game that's heading our way soon. Details are scant at the moment but as you can tell from the screenshot *Dominions 1, The Chthonion* (the what? Why can't they call it something pronounceable?) is looking mighty fine.

We'll be getting more information on this game in time for us to give you the proper low-down next month, but it looks like adventure fans are going to be in for a visual treat, if nothing else. See, I told you things were going to be fine, just fine.

Yes, its the title screen for that game with a funny name.





Looks gorgeous. What you can't see here is the excellent way the candles flicker and move in the draught.

Continued overleaf ➡

WORLD GOLF

World Golf ■ Apex Systems
All Amigas with 1Mb

I've got to agree with whoever said that golf was 'a good walk spoilt'. It's a silly sport. I mean, why bother? Why don't people just, I dunno, throw the balls or something – sure it would take a few more attempts to get near the pin, but then if everyone's throwing the balls then it's all fair innit?

Thank goodness for computer versions of the silly sport though, because they can be great fun. Apex Systems agree, because they've gone and released a new game called *World Golf*.Hang on, if they've released it already why aren't we reviewing it? We will be next month chums, but pressure of space and time has meant that we weren't able to get it in amongst the reviews this month. Sometimes these things happen, and by way of compensation we're going to run a preview of the game with some groovy screenshots to whet your appetite.

The game can actually accommodate up to four human players in tournament mode (where up to another 60 computer controlled players can also compete) and two humans in the Skins game.

For those of you who are ignorant of these things, the Skins game is possibly the only excusable reason for playing golf, because it's all about winning money. Oh yes. There's a purse for each hole you see and the player who manages to finish the hole in the least number of shots wins the purse. If the players tie then the purse carries onto the next hole (and the next hole and the next until someone actually manages to win).

All the other usual golfy type stuff is there and like I said earlier, this game's gonna get the full treatment next month.



RIGHT: Look at that. The bunker's really thin and yet I manage to land right in the bloomin' thing.



RIGHT: After each hole you can check on your progress. Erm, well, it's just erm, teething problems. I'll hole in one the next hole, you wait...



ABOVE: Take note of the direction arrows on the green because they indicate where there are slopes and things.



BELOW: Here we are then all ready to tee-off. As you can see, golf sims aren't the most visually exciting games in the world.

BELOW: Of course it's always an advantage to know where the pin is. Especially when you're shooting dog-legs and such like.



SPACEFIGHTER

All Amigas ■ BPM Promotions ■ 01232 626694

A quick look at the screenshots and the 'fighter' part of the name of this game may give one or two of you a clue as to the nature of this game. Again it's created using the Reality Software Construction Kit but BPM reckon it's going to have everything a decent beat-em-up should have and more.

For a start there are going to be some 24 opponents to play against – a number not seen in a beat-em-up until very recently with the release of major PlayStation titles like *Tekken 2*.

BELOW: The chap on the right looks like someone's idea of a 'homage to'. The thing on the left is Andrea on deadline day.



The 'space' bit of the title comes from the fact that a lot of the characters in the game have been, well, I'd say 'nicked', but people with far more understanding of the complexities of copyrights and stuff than I, would say 'borrowed' or 'a homage to' such shows as Star Trek, Babylon 5, Predator and Dr Who.

The game's also gonna feature multiple special moves, fighter statistics, league tables and an impressive 50 frames per second update rate. Again, we'll be putting this one through it's paces just as soon as we possibly can and seeing if it's got that X factor to raise it above the *Rise of the Robots* into the leagues of *Primal Rage* et al.



Oh blimey! The brown alien thing with the bad teeth and red eyes has blown that bloke's foot off! It's a great shame that in space no-one's gonna hear him scream.

Video

Quantum | rombo

VIDI Amiga 24 (RT)+
Colour Real Time Amiga video capture system
- Composite & SVHS inputs.
- Time Lapse remote grabbing.
- BMP,TIFF & PCX File Support.
- Load/Save 24 Bit ILBM & Anims

£139.95

VIDI Amiga 24 (RT) Pro
Professional Colour Real Time Amiga video capture system
- Composite & SVHS inputs.
- 16.7 million colour grabbing.
- BMP, TIFF, PCX, ANIM, ILBM.
- Processing controls & effects

£224.95

Pro-GRAB SVHS 24RT Plus
- Compatible with VHS & SVHS.
- Save & load in multiple file formats
- Support for virtual memory
- Additional teletext facilities
- Large preview window

Req. kickstart 2.04 & 1.5Mb free memory

for only..... **£129.95**

Genlocks

hama

Genlock 290
- Full fading of mixed graphics
- 2 ergonomically designed fader
- High quality output signal
- Independant power supply

£639.95

Genlock 292
- Full fading of mixed graphics
- Fade to black of output signal
- Demonstration software inc.
- Independant power supply

£264.95

A-Cut
- Video edit controller
- Works on Kickstart 2.0 and above
- Scenes defined, sequenced/exchanged
- Independant power supply

£164.95

Fusion Genlock
- Comes with Scala HT100
- 92% Amiga Shopper June 95
- Composite only Genlock

Only!! £95.95
Entry level Genlock

Graphics

New!! Epson GT-5000
- A4 Flatbed scanner
- 300 dpi optical scan resolution
- Inc. PC Editing & OCR software

£399.95

NB: The Amiga range of computers req. additional driver software and a Bidirectional parallel cable.

Epson GT-8500
- Bi-directional Parallel & SCSI Interface
- A4 Flatbed scanner
- 400 dpi optical scan resolution
- 3200 dpi output resolution

EPSON scanners

Only..£529.95

Epson GT-9000
- Bi-directional Parallel & SCSI Interface
- A4 Flatbed scanner
- 600 dpi optical scan resolution
- 4800 dpi output resolution

£695.95

Epson Flatbed Scanner Software & Cable...£49.95

Hand Scanners

Power Scan v4. £89.95
256 g/scale on AGA Amigas, 64 g/scale non AGA

Power Scan Col. £174.95
24 bit colour scanner, 16.7 million colours

Graphics Software

New Photogenics 2 CD
24-Bit Graphics Manipulation
Requires 2chip/4 fast RAM minimum, Hard Disk & CD Rom Drive, K.start 3.0 or higher.
only!! **£89.95**

Cinema4D
£169.95
Amiga Ray-Tracing software
Req. 3Mb of RAM, and Kickstart 2 or higher.

Scala MM211
£139.95
- MM300 £224.95
- MM400 £274.95

Distant Suns
£27.95

Vista Pro £27.95

Music

Technosound Turbo 2 Pro
8/12 bit Stereo Sampler plus many more advanced features
A bargain at only **£27.95**

Mega-Lo-Sound
8 bit direct-to-disk sampler
Great value at only **£25.95**

ProMIDI Interface
- MIDI in, MIDI thru & 2 x MIDI out
- Compatible with all MIDI software

only!! **£19.95**
- 2 x 3metre MIDI cables £9.99

AURA
100% **£74.95**
Octamed compatible
12/16 bit stereo direct-to-disk PCMCIA sampler

New **Octamed 6**
Official CD
£24.95
Latest version of the best music making program for the Amiga. Over 600Mb of Midi files, Samples.

Wordprocessing

Final Writer 4
Word Processor/Publisher
Latest version of this award winning software
only!! **£72.95**

Final Writer Lite New
Word Processor
Requires Kickstart 2.04 or above, 2Mb of Ram and 1 Floppy Drive, Hard Drive installable if desired.
£39.95

Mini Office
Integrated Package
- Wordprocessor
- Spreadsheet
- Database
- Graphics
- Disc Utilities

All in one pack **£38.95**

Wordworth 5 New
- Any Amiga 2.04 or higher
- 3Mb of Memory
- 2xFloppy drives or HDrive

£69.95

Home Office

Final Data
- Requires Workbench 1.3 or above, 1Mb of memory & 1 floppy drive.

£39.95

Twist 2
Relational Database
- Requires Workbench 2.1 or above & 2Mb of memory

£74.95

Spreadsheets

Final Calc
£94.95
- Requires Workbench 2.0 or above, 2Mb of memory min., H.Disk with 5Mb of free space

Home Finance

Money Matters 4 £49.95

Utilities

Opus 5
£49.95

New **DiskMagic**
£34.95 92% CU Amiga

Cables

Amiga-CD32 Serial Network cable	£24.95
Amiga Parnet Parallel Network	£14.95
Modem Cable 9-25/25-25	£9.95
Null Modem Cable	£9.95
Amiga-VGA Monitor	£12.95
Amiga-TV Cable	£2.45
Amiga-CM8833 Monitor	£9.95
Amiga-Scart Cable	£9.95
Printer Cable (1.8 metre)	£4.95
Disk Drive/Monitor Ext.	£14.95
Analogue PC J.stick Adapt.	£7.95
Mouse/Joystick Extension	£4.95
Mouse/Joystick Autoswitch	£9.95
MIDI Cables (3 metre x2)	£9.95
Centronics-Centronics	£9.95
SCSI D25-50 way Cent.	£11.95
SCSI D25-50 way Micro-D	£15.95
SCSI Adaptors from..	£15.95
SCSI Terminators from...	£19.95
Internal SCSI Cables from...	£9.95
2.5" IDE Hard Drive Cable	£5.95
Amiga-3.5" Hard Drive	£18.95

Custom Cable Suppliers
For all your custom cable requirements just give us a call, we can usually supply most cables next working day.

Peripherals

Wizard 560-dpi Amiga Mouse
£12.45 Black or Beige

Alfa Data 400-dpi Mega Mouse
£11.45

3 Button Mega Mouse Plus £12.95

AlfaData Crystal Trackball
Only...£34.95

Amiga PSU
£34.95

Amiga Modulator
£34.95

Mousemat 4mm	£2.49
Zip Stick joystick	£9.95
Gravis Amiga joystick	£19.95
Roboshift mouse/joystick switch	£9.95
Amiga Contol Pad	£9.95
Kickstart 2.04/2.05	£24.95
CIA 8520A I/O chip	£18.95
FPU 25mhz PLCC	£34.95
FPU 33mhz PLCC	£39.95

Zydec Speakers
ZyFi-2....**£26.95**
ZyFi Pro..**£57.95**

Turbotech R/T Clock Cartridge
£14.95 Fits all Amiga's

Amiga CD ROM's

Delivery £1.18 per title or £3.95 for 4+

17 Bit The 5th Dimension	£17.45
17 Bit Collecrtion (Double)	£24.95
17 Bit Continuation	£14.45
17 Bit Phase 5	£14.45
17 Bit/LSD compendium 1 or 2	£16.95
17 Bit/LSD compendium 3	£16.95
Aminet 9 or 10 or 11	£12.45
Aminet collection (Aminet 1-4)	£24.45
Aminet collection 2 (Aminet 5-8)	£24.45
New!! Amos Users CD PD Ver 2.	£16.95
Animations (Double)	£17.45
New!! Artworx	£8.95
New!! Assassins 2 (Double)	£17.45
BCI Net 1/2	£8.95
New!! C64 Sensations Vol 2	£16.95
CAM (Double)	£22.45
CDPD 1,2,3 or 4	£5.95
Demo CD 1 or 2	£5.95
New!! Eric Schwartz CD	£24.95
New!! Encounters UFO Phenomenon	£12.95
Fractal Universe	£17.45
New!! Global Amiga Experience	£22.95
Goldfish 1/2	£24.95

Special Limited Offer

Groliers Encyclopedia 2	£19.95
New!! Light ROM 3 (3 disk set)	£32.95
Light Works	£29.95
Magic Illusions	£11.45
New!! Meeting Pearls 3	£8.95
MultiMedia ToolKit 2 (2xCD's)	£19.95
New!! Network 2 CD	£12.45
NFA AGA Experience 1	£18.95
New!! NFA AGA Experience 2	£18.95
New!! Octamed 6 CD	£24.95
New Price!! Prima CD Vol. 1	£9.95
New!! Sci-fi Sensations	£17.95
Space And Astronomy	£16.95
New!! Spectrum 96	£17.45
Ten on Ten pack (10xCD's)	£37.95
UPD Gold CD (4 x CD's)	£24.95
New!! WPD Hottest 6	£17.95
Weird Science Fonts/Clipart	£8.95
Weird Science Animation	£16.95
New!! World Atlas	£24.95
New!! World Info 95	£19.95
New!! Workbench Add-Ons	£22.95
New!! Zoom II	£18.95

FREE!! Prima Shareware CD-ROM worth £10 with every order of CD-ROM software over £30

Special Offer

Blitz Basic

Blitz Basic2.1
Popular BASIC programming language for all Amiga's
Special offer £29.95

Special Offer

Citizen ABC

As easy to use as ABC 24 pin colour printer
Usual price £145.99
Limited special offer price only!! **£135.95**

Special Offer

Vista Lite-3

Vista Pro Lite
Requires 2Mb of Ram & Hard Disk With Kickstart 2.04 or above.
£14.95
Limited Offer

Special Offer

Music-X v2

New Ver. 2 incorporating Notator-X, and Music-X modules.
RRP £34.95
Special offer £29.95

KICK OFF 96



ANCO

Feel the need for speed?

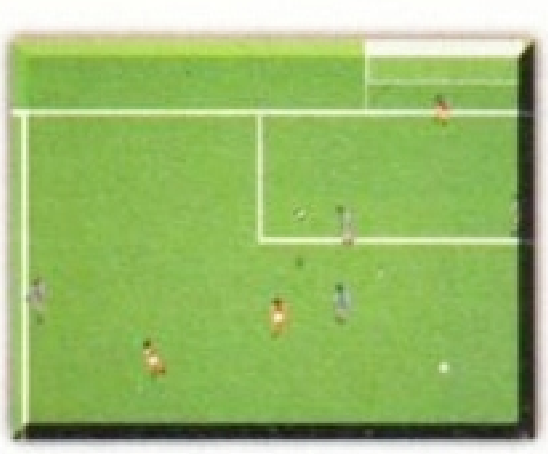
Kick Off '96 gives you the chance to make an impact on the biggest event in British football for thirty years.

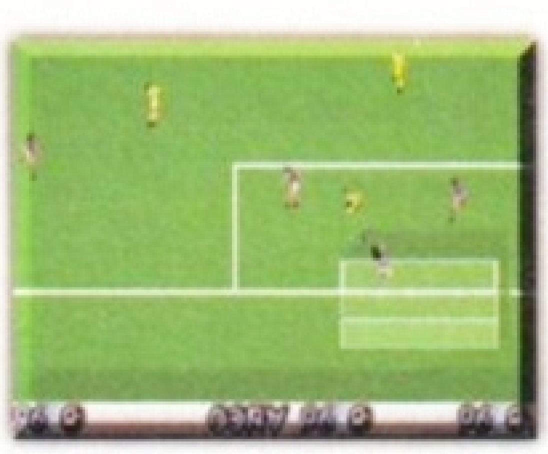
The action is lightning fast with uncompromising gameplay and a choice of perspectives including a 3D view.

If winning *Euro '96* isn't enough for you, set up you own teams choosing from forty-nine international sides – Albania to Yugoslavia.

Create your own dream teams and play in national, cup and international competitions.

On sale from June • Amiga 500 & 1200: £19.99











Arcade and Simulation • Overhead and Isometric Views • Outstanding Gameplay • 49 International Teams • Play Euro '96 Finals 750 Premier League Teams • 15,000 Real Players With Varied Skill Levels • Create Your Own Leagues

COMPETITION

It's competition time and thanks to those generous people at 21st Century we've got eight copies of each of these fabulous pinball games to give away.

WIN





All you have to do is answer these three simple questions and send your answers on a postcard to: "Sure plays a mean pinball", Amiga Format, 30 Monmouth Street, Bath, Avon BA1 2BW. Alternatively send your answers by email to amformat@futurenet.co.uk putting 21st Century Compo in the subject line. The postcards with the correct answer will be drawn on 30th July and winners will be informed thereafter. Good luck.

1. Which 21st Century pinball game got the highest review score?
a) Slam Tilt
b) Pinball Fantasies
c) Pinball Illusions
d) Pinball Mania

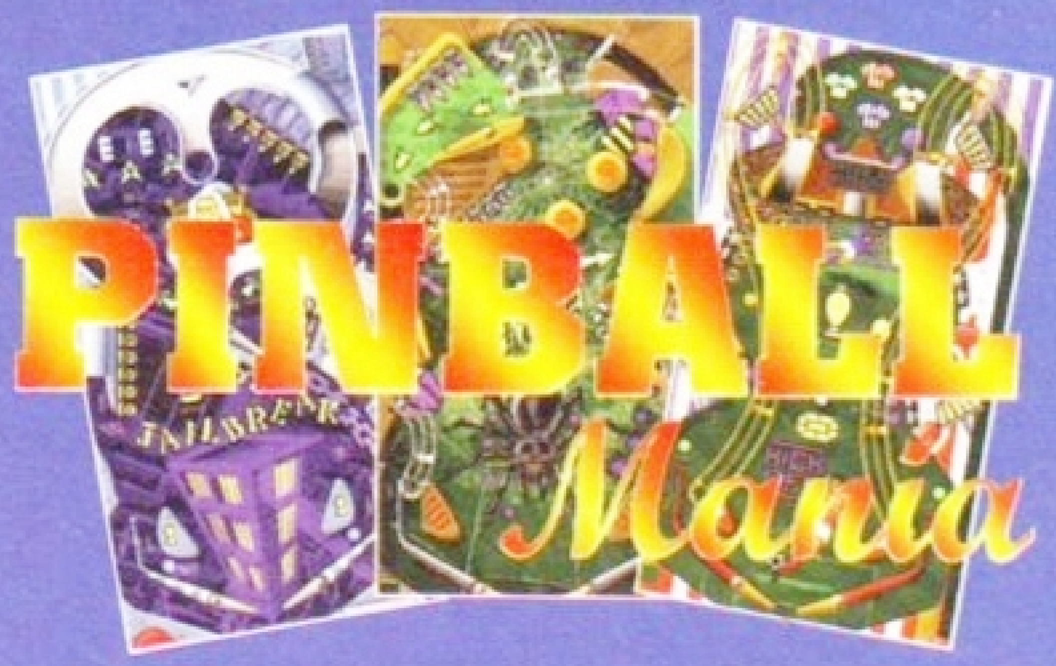
2. What exactly is a tilt?
a) A bad thing that happens when you jiggle the pinball table too much
b) A bad thing that happens when you drink too much
c) A refreshing tropical soft drink

3. Which member of the *Amiga Format* team had the best score on the local "Twilight Zone" table?
a) Marcus Dyson
b) Richard Jones
c) Sue White
d) Nick Veitch

4. In the rather famous rock opera, what was the name of the deaf dumb and blind kid, who sure played a mean pinball?
a) Timmy
b) Tommy
c) Reginald







Valhalla
and the Fortress of Eve

Andy Smith doesn't need an excuse to go chasing the girlies, so when that's the storyline to a game, he gets to indulge in both his fave pastimes.



The start of the game and already you've met someone interesting – a very old Mystic Meg.

To be perfectly honest with you all, I haven't played either of the earlier *Valhalla* games, which is a good thing really because it meant I could launch myself in to the third in the 'Mini Series', with a clear and open mind.

Apparently, after years of peace, the King of Valhalla has decided he's bored with running the kingdom and wants to concentrate his energies chasing some totty (all you outraged feminists out there, don't worry, I'm working in an office with four very PC girlies who are all angered at my use of such terms to describe nubile members of the female gender – and they've slapped my legs already). And why the devil not eh? Summer's here (you remember that week we had back in June?) and it's what young single men were born to do.

So, off trots the King, only to discover that for reasons best known to herself, the Queen of Eve has gathered up all the available crumpet (ouch! That one really hurt Linda!) and locked 'em away. Thus the King has to go through four levels of traps and puzzles in an attempt to free the girls and choose one for his wife.

So it's a puzzle adventure game then. You collect things from one location, take 'em to another and use 'em to get a little further in the game. And here's where I encounter my first problem with the gameplay. The puzzles are just so bleeding illogical. Let's take the first puzzle in the game (which took me a couple of hours to figure out). You wander around collecting bits and bobs and meeting the odd character



The second level and the first book we find tells us what we're actually supposed to be doing in this neck of the woods.



Talk to this guy and he asks where your homework is. I guess you're going to find some homework at some point on this level.

including a slug. What you actually need to do is find the bowl (or bucket or whatever it is) of sea water. Take this to the billycan and put the sea water in it. Bingo! You're left with a handful of salt.

The smart ones amongst you will already be way ahead, yep, you take the salt and put it on the slug! This causes the slug to disappear and be replaced by a key! Of course! Then take the key and unlock a chest where you'll find some spectacles. Take these, along with the dog collar you've found already, and put them

1



Right here we go then. Take up this bowl or bucket or whatever it is that's full of sea water.

2



Take your sea water and put it in this billycan. A billycan by the way is a device for boiling water in over a campfire.



F. Nightingale. Now who on earth could that possibly be? And why the rather strange alien suit of armour? All will be revealed if you actually manage to struggle this far.



That ball on the left is actually the Blarney Stone. I haven't figured out how I'm supposed to kiss the damn thing though.



In the actual Fortress of Eve. At the bottom of some stairs. We only got this far because Vulcan supplied us with the code for the level.

on the tomb of Reverend Squint who then gives you a rose petal! Put the rose petal in a barrel of distilled water and, hey presto, you've got a perfume potion! But how silly of me, I just wasn't thinking enough!

The problem is, you can see this sapphire that you'd quite like but every time you try to grab it you get hurt and your stamina takes a tumble. Swallow the perfume potion you think, as any logical person would, but no, that doesn't work at all.

Yes, I know lots of people like this sort of game, but I can't for the life of me understand why. As I mentioned at the beginning, and if you read the last couple of paragraphs and imagine them being screens of text, you'll understand what I mean about the gameplay actually being the same as an early 80s text adventure.

It's all very tedious. You spend ages trudging around from one place to the next, desperately trying to get someone to do something that's going to get you a little further on in the game, and this usually means trying to put whatever you've got in your inventory on, in, over, in front of, next to and so on, just about anything you come across. And nine times out of ten you can rest assured that it's going to have no effect whatsoever.

Take the man who informs you he's got a sweet tooth for example. Will he take the honeycomb that you found earlier? Will he heck.

Okay, so the game's got lastability, it's going to take an absolute age to complete but I really can't see who on earth would want to persevere with it. There's just no fun to be had from it.

Alright so there is some sense of joy and fulfilment when you do actually manage to solve one of the puzzles and get a little bit further on in the game but there's more a sense of 'blimey, I never expected that' when a puzzle gets solved rather than working the thing out logically as you should.

If you've, against our better judgement, enjoyed the earlier *Valhalla* games, then I dare say this is going to be right up your street (remember, I haven't actually played the earlier games so I don't know if this is just more of the same or a whole new angle, but I suspect it's rather more similar to the first couple than different from them). But don't be tempted by the game otherwise. AF



When you get to this place, don't talk to the woman immediately because it reduces your stamina. Maybe there's a lesson to be learnt there for us all.

MAIL ORDER ONLY FROM:
Vulcan Software Ltd
Vulcan House • 72 Queens Road
Buckland • Portsmouth
Hants • PO2 7NA

VALHALLA AND THE FORTRESS OF EVE

Publisher
Vulcan Software

Price
£17.99

Versions
All Amigas

System requirements
All Amigas

Release date
Out now

5/10 GRAPHICS
Simple but functional. Very average.

6/10 SOUND
A smattering of speech here and there, but not really much else worthy of note.

3/10 ADDICTION
Too damn frustrating to be in the slightest bit addictive. You'll only plug away at this because you'll be determined to have some return on your money.

6/10 PLAYABILITY
Easy to control thanks to the simple and easy interface. Could be played by any small child – if you'd really like to watch them going round and round for hours on end.

OVERALL VERDICT
Gameplay that first saw life back in the early 80s when people used to play abstract text adventures. The main character is merely a different interface – he saves you having to type 'go north', 'go east', 'pick up the brick' and so on. This is no fun.

51%



Of course, once your sea water's boiled away, you're left with a load of salt. Which you should put on this poor slug here.



And once the slug dies you're bound to find a gold key! Pshaw! How ridiculous of me not to have seen such an obvious clue.

Steve Bradley is in *Exile* so we sent out a carrier pigeon to tell him to return for the Discovery. Or something...

Exile Discovery Disk



Exile is one of the most unusual games around. The original was reviewed way back in *AF*23 (that's June 1991, for those that don't go by numbers) and the chap reviewing at the time – a Mr Trenton Webb – had this to say. 'The most convincing element to be found in *Exile* is the logic on which the entire world and its composite elements are built'.

Yes, friends, this is an arcade game happily married to an adventure game. It requires lateral thinking. It requires literal thinking. It requires the patience of Job to get anywhere because it's DAMNED HARD.

Around this time last year, Audiogenic graphically revamped *Exile*. It was now the property of A1200 owners. To be candid, the original didn't distinguish itself visually but it didn't stop our friends at *Amiga Power* rating this largely forgotten game as one of their faves of all time.

The updated version is all things fantastically splendid. You hover around with a jet pack strapped to your back and generally just potter around and take on the conundrums as you see fit. There isn't really any plot or path to follow – which makes *Exile* one of the most non-linear Amiga adventures. There isn't a time limit so you take as much time as you see fit – only, you lose points as the seconds totter by. By the by, really.



Pink chimp shenanigans. *Exile* combines platform style action with adventure puzzle solving. It begs the question, why haven't there been more games like it?

Exile's world has gravity (a bit like ours, I think) and all the objects in the game behave as the laws of physics demand. At one point, you have to hotfoot to a pool with a container and fill it with water. Once airborn again, you have to fly carefully otherwise the water spills. Try this at home, perhaps in the kitchen. Or the back garden if the weather's clement.

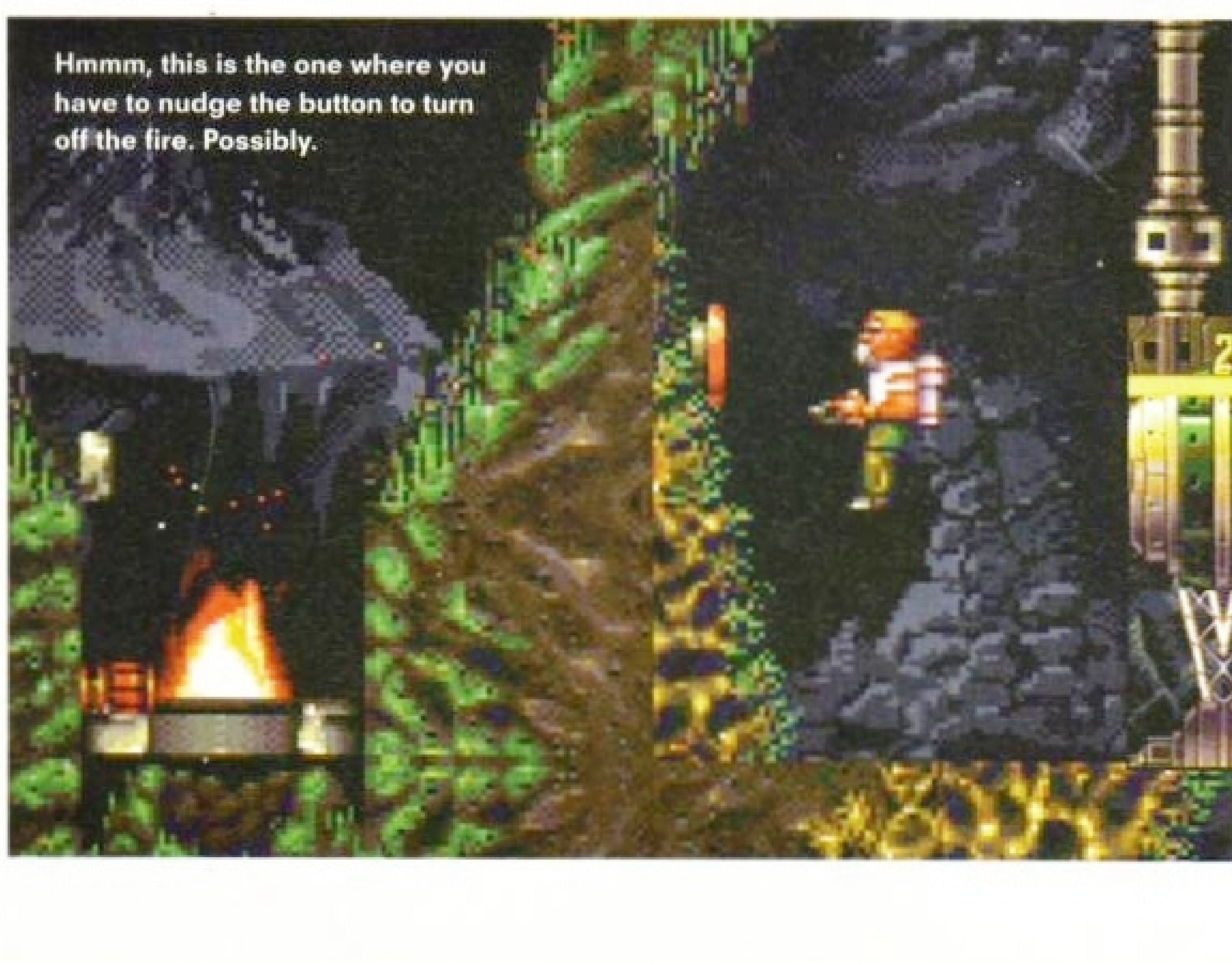
Discover what?

So what's this *Discovery* business, then? Well, presumably the logic reads thus: the game is so huge and so difficult that many gamers won't have seen half the action or even had the chance to solve many of the puzzles. So what everyone needs is another disk that enables them to hop from location to location using the very excellent teleport system – each gaming area pre-saved on the disk when used in conjunction with the original. For your eight sovs, Audiogenic will post you the disk and a set of instructions to help finish the old devil.

It's basically just a pricey tips section and probably best avoided unless you're desperately stuck. Solve the puzzles yourself instead and get your moneys worth. It cost you 30 quid for the game in the first place – buy the add-on and it's the best part of 40 nicker. Phew.



The Discovery disk enables you to shoot to any of the 12 levels using the teleport system. Does too.



Hmmm, this is the one where you have to nudge the button to turn off the fire. Possibly.



Eight quid to meet a robot. Surely some mistake?

EXILE

Publisher
Audiogenic

Price
£7.99

Versions
A1200

System requirements
A1200

Release date
Out now through mail order Audiogenic, Unit 27, Christchurch Industrial Estate, Forward Drive, Wealdstone, Harrow HA3 8NT

7/10 GRAPHICS
Really rather splendid, now.

7/10 SOUND
No dodgy music and some cute bleeps.

7/10 ADDICTION
If you follow the instructions you're a cheat.

6/10 PLAYABILITY
Same as last time, except easier.

OVERALL VERDICT

Can you justify the outlay for a cheat? If you've never seen *Exile*, seek it but have a go at the puzzles yourself.

50%

You won't find these games in the shops. They are your attempts to capture that elusive ingredient: gameplay. They are the...

Reader Games

Who needs a 12 man development team working away for five man years on a game? All you need is a bedroom, a copy of some popular games development package like AMOS, a supply of caffeine and you're away! When you've finished your masterpiece you can send it to us. We then cast our professional eye over all submissions and offer an informed, well deliberated, critique. And it brightens up the day when we get a really dreadful game in and everyone gathers round the Amiga for a good giggle. Here goes...



Well, this is the title screen for M*A*S*H 2 and for your information the V.2 symbol rotates rather splendidly.



In the weapons shop. Load up with all that lovely ordnance and then unload the lot on one of your mates!

GAME: M*A*S*H 2
AUTHOR: CHRIS GREGAN
LANGUAGE: UNKNOWN

Before *Worms* there was *Scorched Tanks*. After *Worms* (and before *Worms Reinforcements, Worms 2* and *Worms Plus*) there was *M*A*S*H 2*. As you can guess, the game's along the same lines.

You start at one side of the landscape which is several screens wide and the other player starts at the other side. The idea is to wipe out the other player before they wipe out you.

One of the tricks is the player's ability to purchase his own equipment – which can include tanks, zeppelins and more men, along with a whole arsenal of different kinds of shots.

In one-player mode I have problems. The computer keeps chucking stuff at you, and unlike in *Worms* where you can spend a couple of minutes thinking about things and working out your angles, in *M*A*S*H 2* things just keep coming. This, for me, puts too much emphasis on the arcade action side of things which I don't think suits the gameplay. And just a quick note for anyone who's played *M*A*S*H 1*, which was a PD game. In the words of the author: 'this should not be confused with Version 1 as it is so enhanced as to be a completely different game'. I haven't played the first version but it sounds to me like he should have left things at that.

VERDICT: TOO FAST AND FRANTIC TO FULLY UTILISE THE SUBTLE NUANCES OF THE GAMEPLAY THAT'S MADE *WORMS* AND *SCORCHED TANKS* SO POPULAR. VERY PROFESSIONALLY PRESENTED AND VERY WELL POLISHED AND ROUNDED, BUT JUST NOT THAT MUCH FUN TO PLAY.

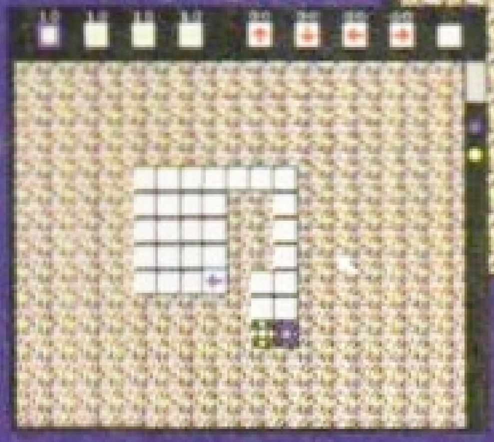
GAME: OPERATION BALLS
AUTHOR: DAVID LLOYD
LANGUAGE: AMOS

Another puzzler. And this time the pacing's right. As seems to be the case with most of these here readers' puzzle games it's not exactly original, more a re-working of an established idea.

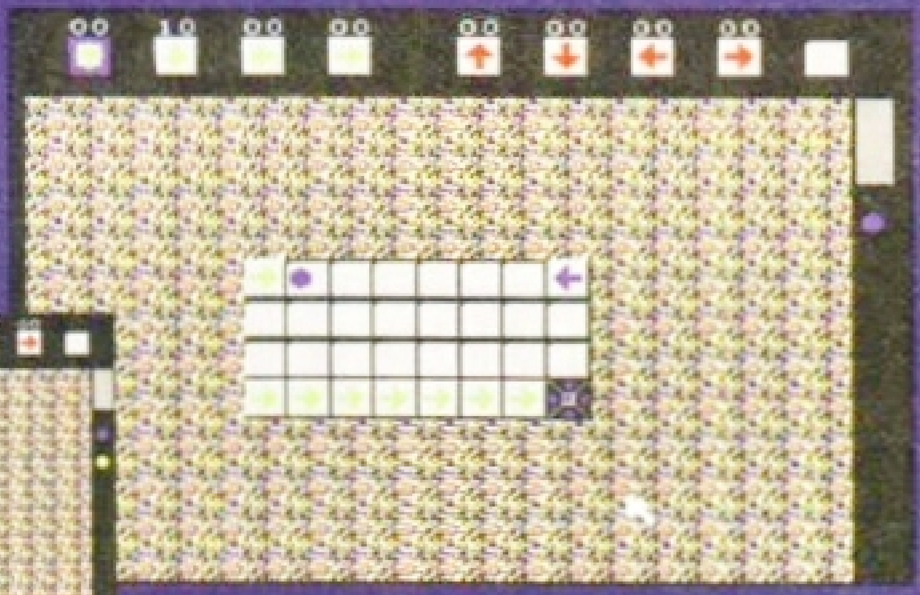
This one takes the *Pipemania* idea but uses balls and arrows. You've got a row of arrows at the top of the screen, a set amount of time before a set number of balls are released and the general idea's to place the arrows in positions that will guide the released balls to the exit.

There are two kinds of arrows, permanent and sorta one-shot which, as the name suggests, disappear after they've been travelled over once.

You're also limited to the number and direction of the arrows you can use – you might have five 'turn right' arrows but only one 'turn left'. The levels are clever and you'll often find yourself manically trying to lay arrows down in front of a ball before rushing back to lay different arrows down in front of another. Good stuff.



It's getting tricky – You have to get the blue ball to the blue exit and the yellow ball to the yellow exit.



The first level is pretty easy. Simply stick a down arrow in front of the ball and the other arrows will guide it to the exit.

VERDICT: A GOOD EXAMPLE OF HOW A PUZZLE GAME SHOULD BE PACED SO AS TO GET THE PLAYER HOOKED. THE LEVELS START OUT SIMPLE AND GRADUALLY INCREASE IN DIFFICULTY, BUT NONE OF THEM STRIKE YOU AS HORRIBLY IMPOSSIBLE. THE GRAPHICS ARE CRUDE, THE CONTROL IS NOT THE EASIEST TO HANDLE BUT GENERALLY THIS IS A WORTHY PUZZLE GAME. IT'S NOT FORMAT GOLD MATERIAL BUT IT'S JOLLY FUN JUST THE SAME.

GAME: SUPERPOD
AUTHOR: ROBERT SIMPSON
LANGUAGE: UNKNOWN

It's always nice to have something different and this month we're fortunate enough to have *SuperPod*.

It's a platformer where the player controls the illustrious Pod as he barrels his way through the game's levels. There's the usual array of baddies to destroy (using the good ol' fashioned jump on their head method) and lots of fruit and things to collect.

The action's smooth, the levels are varied (left to right, right to left, top to bottom, bottom to top) and there are some wacky extras to pick up including the extemely tricky upside down and back to front extra that's really more of a hindrance than a bonus.

It's not original, there are a couple of gameplay tweaks that need to be learnt in order to play properly (the still moving sideways bit when you've just jumped can be tricky to start with), but overall this is not half bad. You probably wouldn't spend more than a couple of quid on the game if you came across it in a PD library somewhere, but that would be a couple of quid well spent if your particular bag is fast moving platformers.



SuperPod takes to the air in an attempt to grab the apples the mouse is guarding.



Oops! Don't hang around on these tiles because they force all your blood to come flooding out of your head.

VERDICT: VERY SMOOTH, VERY WELL DESIGNED AND FULL OF VARIETY. IT'S NOT THE MOST ORIGINAL GAME IN THE WORLD AND THERE HAVE BEEN BETTER EXAMPLES OF THIS KIND OF PLATFORM GAME IN THE PAST BUT IT'S CERTAINLY ONE OF THE BETTER EXAMPLES OF THIS GENRE TO HAVE BEEN SUBMITTED BY A READER.



Aaargh! I've hit the upside down icon thingy and now my world's a whole lot more difficult to navigate through.



The title screen. From here you can do all sorts of things, like turn the music off, er, and play the game.

GAME: CUBICAL WORLDS
AUTHOR: JOONA PALASTE
LANGUAGE: AMOS

Puzzle games are the perennial fave of the Reader's Games section. The only problem is that the games are either crap, or, at best, exactly the same as a dozen other games we received the same day.

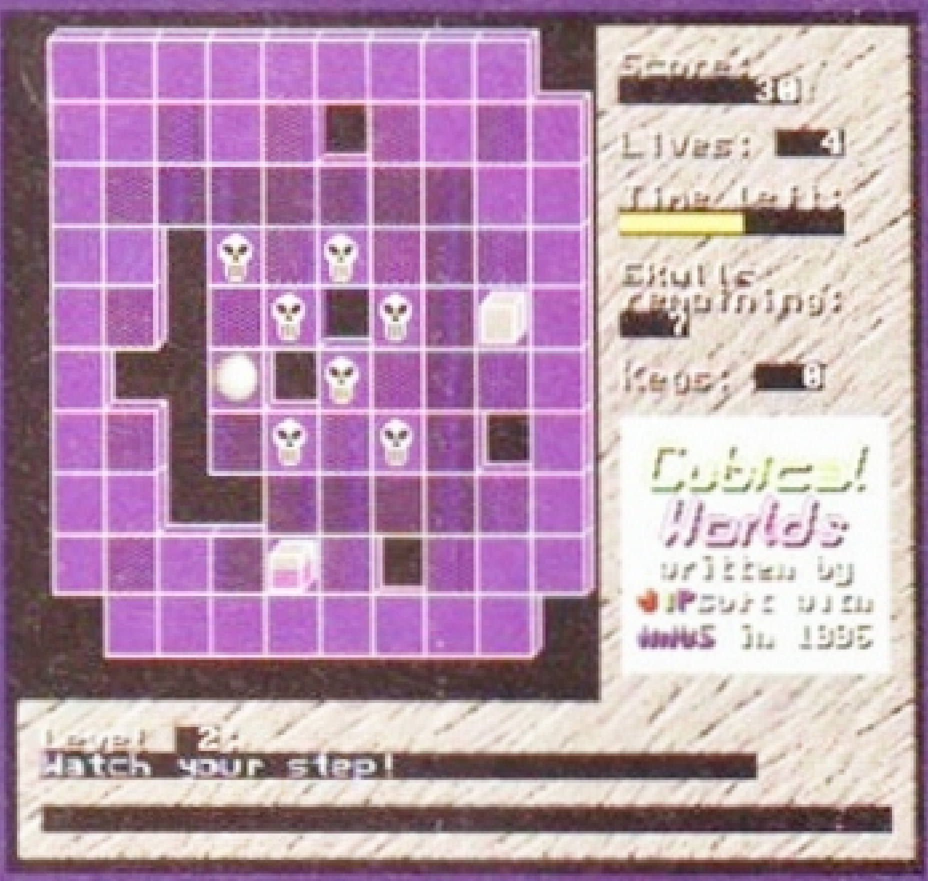
But no! This one's different! You contol a small ball that has to collect a load of skulls, while at the same time hitting a couple of blocks on the small 'level' to activate them. I've no idea why on earth you've got to activate the blocks, but you can't collect the skulls until you have so I'd guess you'd call it a gameplay feature.

I thought this was going to be a lot better than it is. It starts off well enough, the first couple of levels are fine and simple and get you going, then some puzzly bits start creeping in (tiles that disappear once you've been over 'em twice) and that's nice because you then have to start thinking about things. But after just a few short levels things suddenly become impossible and you end up guiding your ball all over the shop.

This could have been a lot better if the pacing of the game was easier fo the player. The controls aren't polished, the graphics aren't good and generally this is an average puzzler that shoots itself in the foot by throwing levels that are way too hard at the player way too early.



Easy enough this level. Touch one of the cubes and then collect all of the skulls. Then touch the other cube and that's it – the level's done.



Things are trickier now because the dark tiles disappear once you've gone over them twice.

VERDICT: POOR GRAPHICS, POOR CONTROL AND POOR PACING DON'T DO THIS SIMPLE PUZZLE AND COLLECT-EM-UP ANY FAVOURS.

UPDATE: OUR BUTCHER FROM WITNEY, M FRENCH, WHOSE *CRIBBAGE* GAME FEATURED HERE LAST MONTH RANG TO INFORM US THAT THE MOUSE POINTER PROBLEM IS SORTED. YOU CAN SEE IT NOW AND EVERYTHING. SO THERE YOU GO.

MORE OF THE SAME PLEASE!

This Reader Game's section is becoming so popular we're looking to expand it. And there's something in it for you! We're going to be awarding the top Reader Game a £50 cash bonus each and every month.

Now if that doesn't inspire you to get those submissions in then nothing will. Just a note of caution though: don't bother sending in that PD game you coded three years ago just to try it on, we'll spot it and chuck it in the bin. After we've erased the disk for good measure. And, in the event that your game is so good we want the world to see we'll probably run the game as a Coverdisk demo on the floppy or CD. Obviously if this is completely unacceptable for you then you'll have to indicate this in your notes with your submission. Your notes should also include what language the game's been written in.

Get to it people, let's see those games come flooding in.

EPIC MARKETING
CD ROM SOFTWARE

The new Gif Sensation double CD gontains around 10,000 full colour images, Viewer and converters are included on the CD. Subjects include: Vehicles, Space, Science fiction, Textures, Landscapes, Sunsets, Money, Cartoons, Fantasy, Sports, Raytraced, Classic art. and loads more.

GIF SENSATION DOUBLE CD New Version (CD128) £19.99

Contains around 5000 erotic hand drawn Images in the Japanese anime tradition.
This CD is of an Adult nature and should not be purchased by anyone likely to be offended by drawings depicting nudity and / or sex acts.
An adult onlt cdrom!

Includes images only suitable for persons over 18

ANIME BABES Japanese erotic art (CD191) Only £19.99

This superb highly rated Amiga CD-ROM World atlas features a flexible interface allowing quick access to individual countries via continental maps, county list, capital or general index. Concise, informative county histories. Each country is supported by a series of maps depicting regional position, major cities, rivers, lakes and mountains. Background cultural and economic information is available at a glance. Basic national facts are represented graphically and comparative to the UK. For A1200,A4000, & CD32.

WORLD ATLAS AGA NEW !!! (CD220) £29.99

The new Magic Workbench CD contains the largest collection of Magic Workbench Icons, Backdrops and tools ever compiled. Includes well over 5,000 Magic WB Icons, Over 600 specially selected Magic Workbench backdrops in 8, 16 and 256 colours, over 30megabytes of Workbench tools, gadgets, patches and desktop enhancer tools/utilities. The CD also includes Magic Workbench aswell as many other items never before released on any Amiga CD ROM. If you want to update/enhance you existing Workbench 2 or 3 then this is the perfect Workbench add on CD ROM. This CD is only suitable for any Kickstart2/3 based Amiga's such as the A500+, A600, A1200, and A4000.

NEW!

MAGIC WORKBENCH ENHANCER v2 (CD187 £17.99)

The Adult Sensation Range

ADULT SENSATION ONE
Adult Sensation is possibly the Amiga's largest selling adult title. It features over **4,000** high quality 256 colour images of the "adult" nature. Image viewers and coverters are included for every configuration of Amiga. (OVER 18 ONLY) out now! (CD01) £19.99

ADULT SENSATION 2 *The new batch*
Adult Sensation 2 not only contains **4,000** new colour images but also includes tons of adult related samples, adult music modules, tons of adult stories, adult anims, black&white 70's photos, adult games and more. (OVER 18) out now! (CD115) £19.99

SEXY SENSATIONS
Available now, this CD contains around **2,000** especially chosen high quality GIF Images. Viewers & graphic converters are included for easy and quick access to any of the pictures on any Amiga. (OVER 18 ONLY) OUT NOW! (CD169) £19.99

ADULT SENSATION 3D *EXCLUSIVE!*
This CD actually contains over **2,000** true 3 Dimensional colour images. 3D viewing software and top quality 3D glasses are also supplied. ***Includes superb new Multimedia interface.*** (OVER 18) Available Now! (CD145) £19.99

ADULT SENSATION 4 *(animations)*
Available Soon this CD actually contains hundreds of naughty? animations/film clips for Adults only. Viewing software included for Amiga. Limited first stocks so order now for immediate despatch upon release. (OVER 18) (CD146x) £29.99

ADULT MENSATION
Adult mensation is a unique collection of colour photoshots of hunky men in various poses. The wildest most mouth watering man size Image selection ever. Whether you want bulging biceps or steaming shapley men then order this CD now! (CD164) £19.99

SPECIAL EDITION PACK
ADULT SENSATION PART 1 & 2
(Order code: CD180)
FOR JUST £29.99 + P&P

These goods are for Adults only, and will only be supplied to persons over the age of 18.

Get on the Net
internet without the hassle!

This amazing new CD contains everything you need to connect to the Internet. It features all of the programs you need to get connected. It also includes the best of the net, so you can try before you buy! We've also included one months national free internet access so all you should pay is the local phone bill (1p a min*.) Includes special offers on internet software and hardware, and details on how to set up your own web and ftp sites etc. Absolutely no knowledge of the Internet or Shell required you simply slot in the CD, click the mouse a few times on the relevent icons and you're connected! There's even a complete database of hundreds of the very best web sites to visit. Excellent!

INCLUDES ONE MONTHS FREE INTERNET ACCESS*

***This Amiga CD contains everything you need,**
***It's easy to setup and use,**
***It's supplied with one months free internet access,**
***It's great value.**

GET ON THE NET NEW !!! (CD221 £24.99)

THE EPIC INTERACTIVE ENCYCLOPEDIA

The Epic Interactive encyclopedia is an exciting new Multi-Media Amiga CDROM, It features a superb 256 colour interface, Hundreds of film clips, sound samples and subject information.

NEW! MultiMedia Encyclopedia

Features include:
- ***True Multi-media Interface** unlike anything seen on the Amiga.
- ***Produced in the UK** unlike most encyclopedias
- ***256 colour AGA interface** 16colour A500 version available soon
- ***Very latest information** from around the World
- ***Thousands of subjects covered** from Aachen to Zurich
- ***Hotlist editor** so you can create lists of particular subjects
- ***Hundreds of samples** including full spoken media show
- ***Hundreds of Images** in full colour and 16 shades of grey
- ***Import new subjects** from the Internet or from floppy disk
- ***Export data to printer or file** and use it in your own projects

What users have said... This is just Brilliant! - Very Impessed - Who needs Enxxxta?
The presentation is second to none - PC Users, eat my shorts! - I love it!.

THE EPIC INTERACTIVE ENCYCLOPEDIA 4mb recommended (CD222) £29.99

CDROM TITLES
More great Amiga CDROMS

Aminet set one	24.99
Aminet set two	24.99
Aminet 10 feb'96	14.99
Aminet 11 april'96	14.99
Aminet 12 june'96	12.99
AGA Experience 2	19.99
Worms extra's	9.99
Software 2000	29.99
F1 Licenceware	29.99
Anime Babes (18)	19.99
Octamed 6	29.99
World info '95	19.99
17bit 5th Dimension	19.99
2000 Mysteries	21.99
The colour Library	9.99
Sound Library (2cd)	19.99
LSD Compendium3	19.99
Meeting at Pearls 3	9.99
CD32 Network set 2	34.99
Graphics Sensation	19.99
Illusions 3D	5.99
Super cars '95	4.99
Graphics Pack (5cd)	39.99
Super Bundle 10cds	19.99
1500 Utilities	5.99
Hottest4	4.99
Terra Sound Lib.	4.99

This data CD ROM contains the very best Adobe and Postscript fonts available aswell as thousands of high quality clipart images in PCX, IFF and EPS which are suitable for use in any graphics and Desktop publishing package. A great value CDROM.

BCI CLIPART & FONTS (CD192 £9.99)

Contains the very latest Amiga archives from the Aminet site. Includes games, demos, utilities, Graphics, modules, demos, product demos, comms, patches, fonts, clipart. blah! blah! blah! Available now!

AMINET 12 June'96 (CD224) £12.99

Contains over 10,000 old Commodore64 megademo's, Thousands of classic C64 sid tunes that sound exactly like the real thing, C64 pictures, C64 information and C64 emulators. Great fun!

C64 SENSATIONS 2 (CD223) £19.99

This brand new updated CD contains the very latest AGA utilities, demos, Images and games. All accessable directly from the CD. The makers claim there are virtualy no duplicated files from the first CD.

AGA EXPERIENCE 2 (CD210) £19.99

Zoom 2 includes the very latest sofware upto April'96, It includes the very latest games, demos and utilities. It also includes over 100 new klondike cards, The complete Active Pro pack, over 50 disks of samples, 25mb of Magic Workbench and a special "programmers" section.

ZOOM 2 (CD211 £19.99)

This data CD ROM includes hundreds of high quality Advanced Military images, including hundreds of different aircraft and helicoptors. great for just browing or desktop video/publishing.

ADVANCED MILITARY (CD219 £6.99)

This CD includes over 5,000 brand new levels and maps for the game "Worms" aswell as game patches to update and enhance the features of the original game, If you love Worms, you'll love this.

OH YES! MORE WORMS (CD201 £9.99)

This most comprehensive collection of Lightwave and Imagine 3D objects ever compiled onto CD. It also contains hundreds of texture files, and example images. All files are usable direct from CD.

GRAPHICS SENSATION (CD02 £19.99)

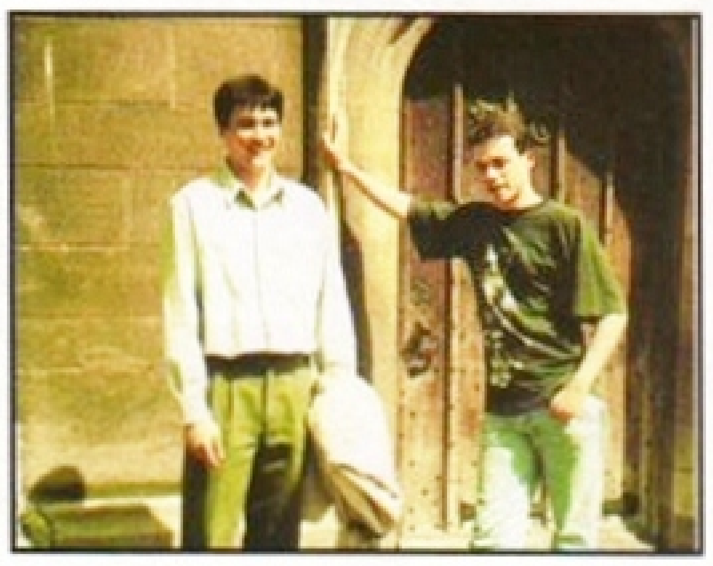
FREE CHOOSE ANY ONE OF THESE CD ROMS FREE WITH ANY ORDER OVER £25
ILLUSIONS 3D · PRO FONTS & CLIPART · HOTTEST 4 · TERRA SOUND LIBRARY

FREE FONE **0500 ONE FREE ONE 486**

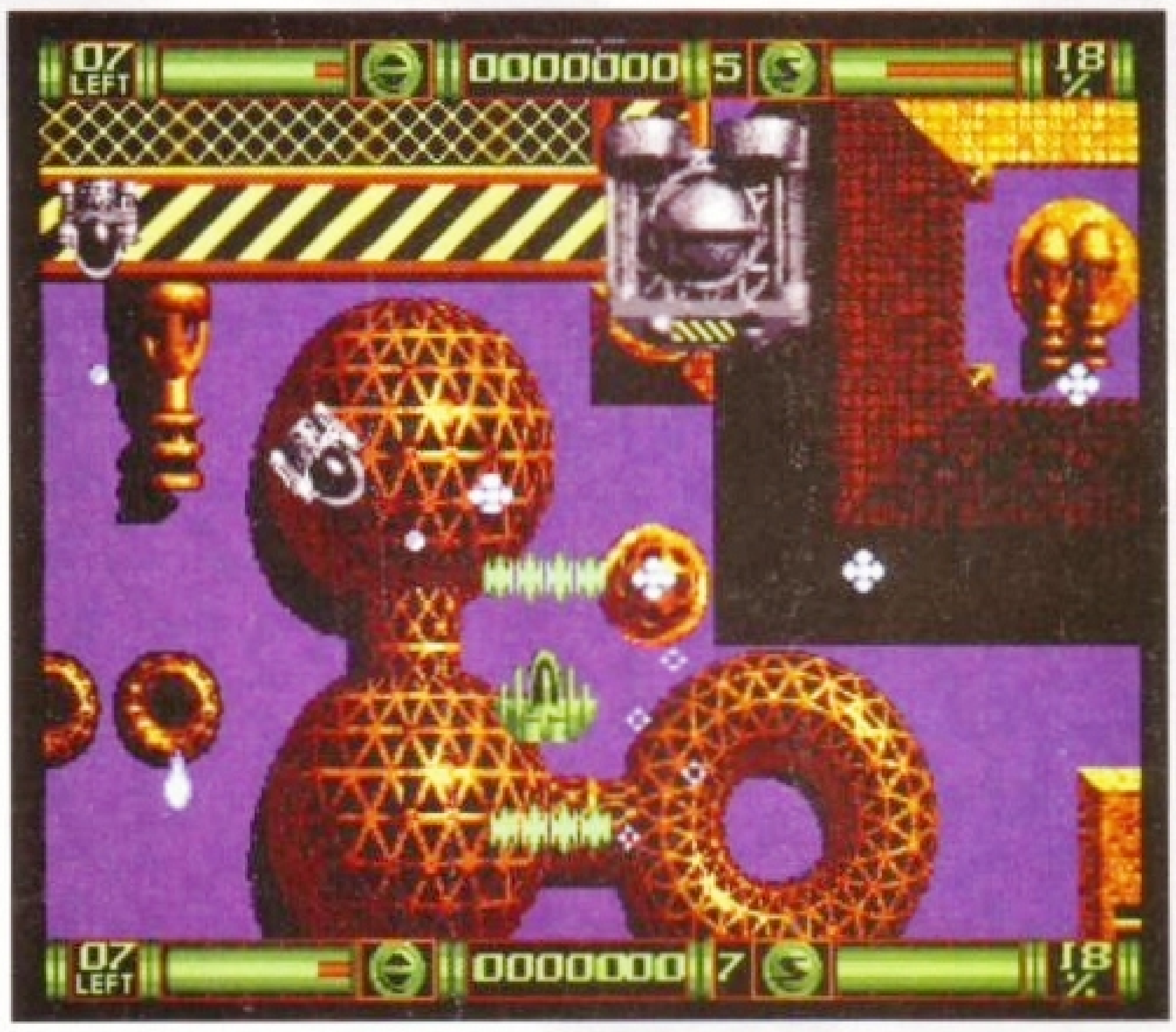
E MAIL epic@epma.demon.co.uk Trade enquiries welcome, Telephone: 0181 8730310 or Fax: 0181 8730311 All products and prices are subject to change without notice. E&OE *limited to UK residence only.

New boys WeatherMine Software have proved they know a thing or two with their first game *XP8*. Andy Smith wondered what was in the pipeline for...

Anthony Fenton-Jones and Matt Waters pose outside God's house in Bath. (It's the Abbey really).



Weather Mine



Here's an early mock-up screenshot of what the A500 version of *XP8* should look like.

Four years ago the Amiga market was very healthy. Big games were selling in their hundreds of thousands (well, the really, really big ones were if you counted the whole of Europe together) and the summers were really long and hot too. Two young men had just finished their university educations and, armed with a copy of *DevPac* and a book on Assembler, began tinkering around with an A500. WeatherMine software was born.

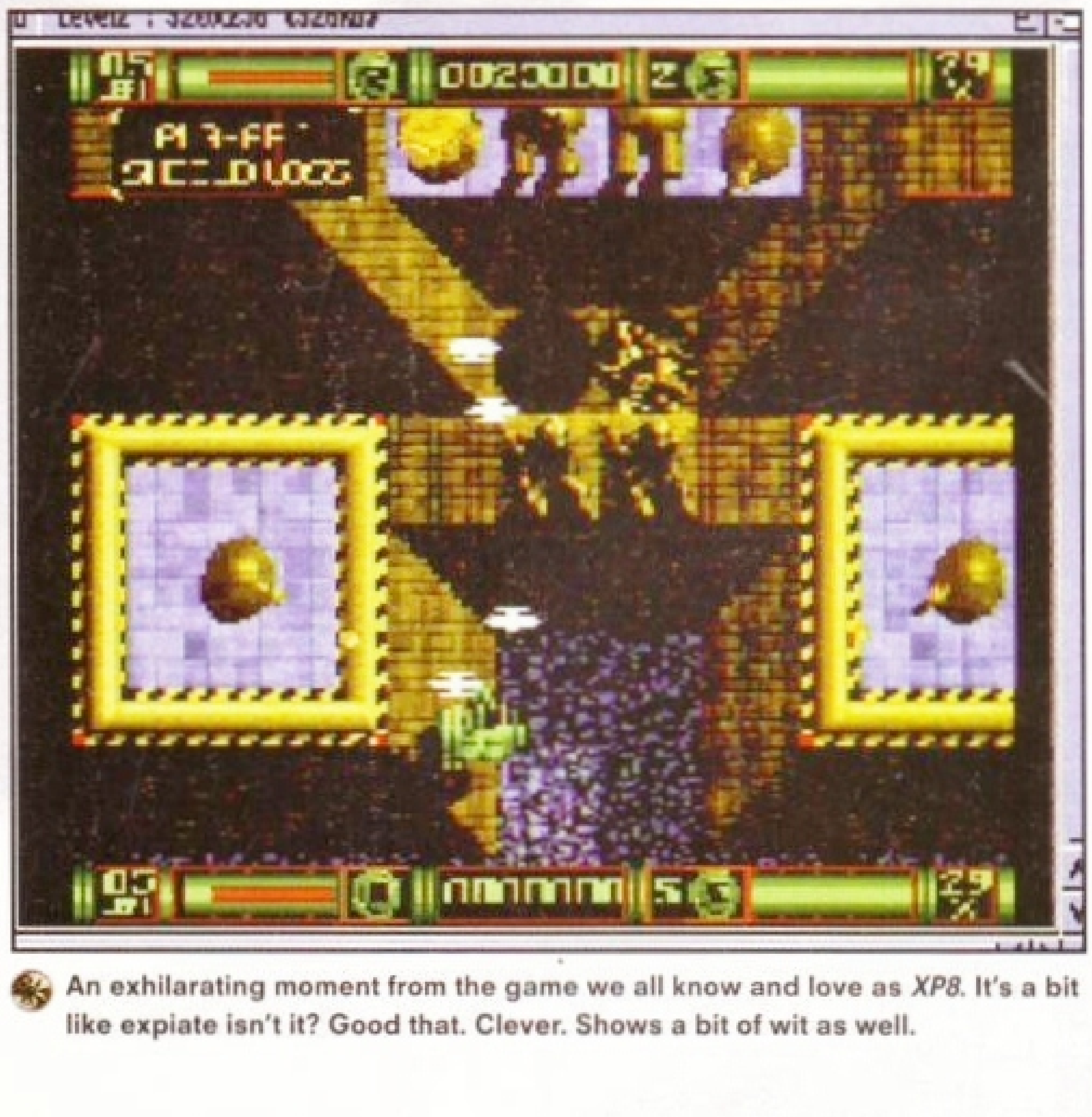
Matt Waters and Anthony Fenton-Jones are WeatherMine and *XP8* is the first game of theirs to actually see some kind of, mail-order only, commercial release (Reviewed in AF85, 85%).

Matt was the chap with the books and software tools and the idea for a wacky platform game called *Bubble Gun*. What he needed was someone with an artistic flair to design the sprites and backgrounds for the game – which is where Anthony's cartoonist brother came in. But, as often seems to be the case with brothers, Anthony's managed to design about one sprite before becoming horribly distracted (probably by girls or something) and Anthony somehow found himself taking over the graphic responsibilities.

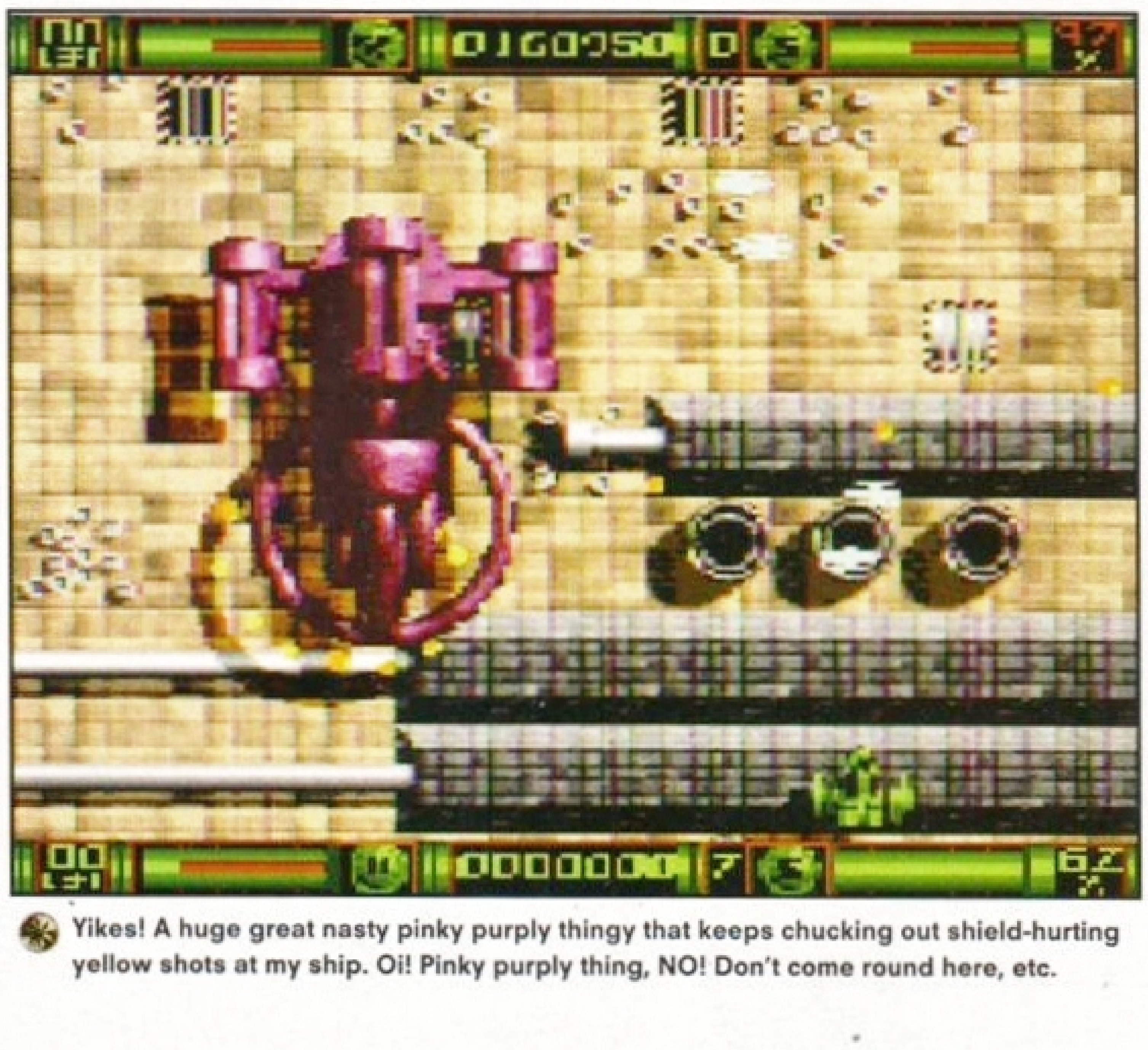
In 1994 *Bubble Gun* came close to becoming a commercial release, but not close enough. Matt explains: "It occurred to me that no-one had done a platform game with a four legged character as the main sprite, and now I know why".

1995 came round and work started on *XP8*.

"*XP8* has changed a lot since we first designed it", says Anthony." We wanted it to be like *Swiv* really, continually scrolling, a didn't stop – ever, game. We had a version that went through space, over land, whatever."



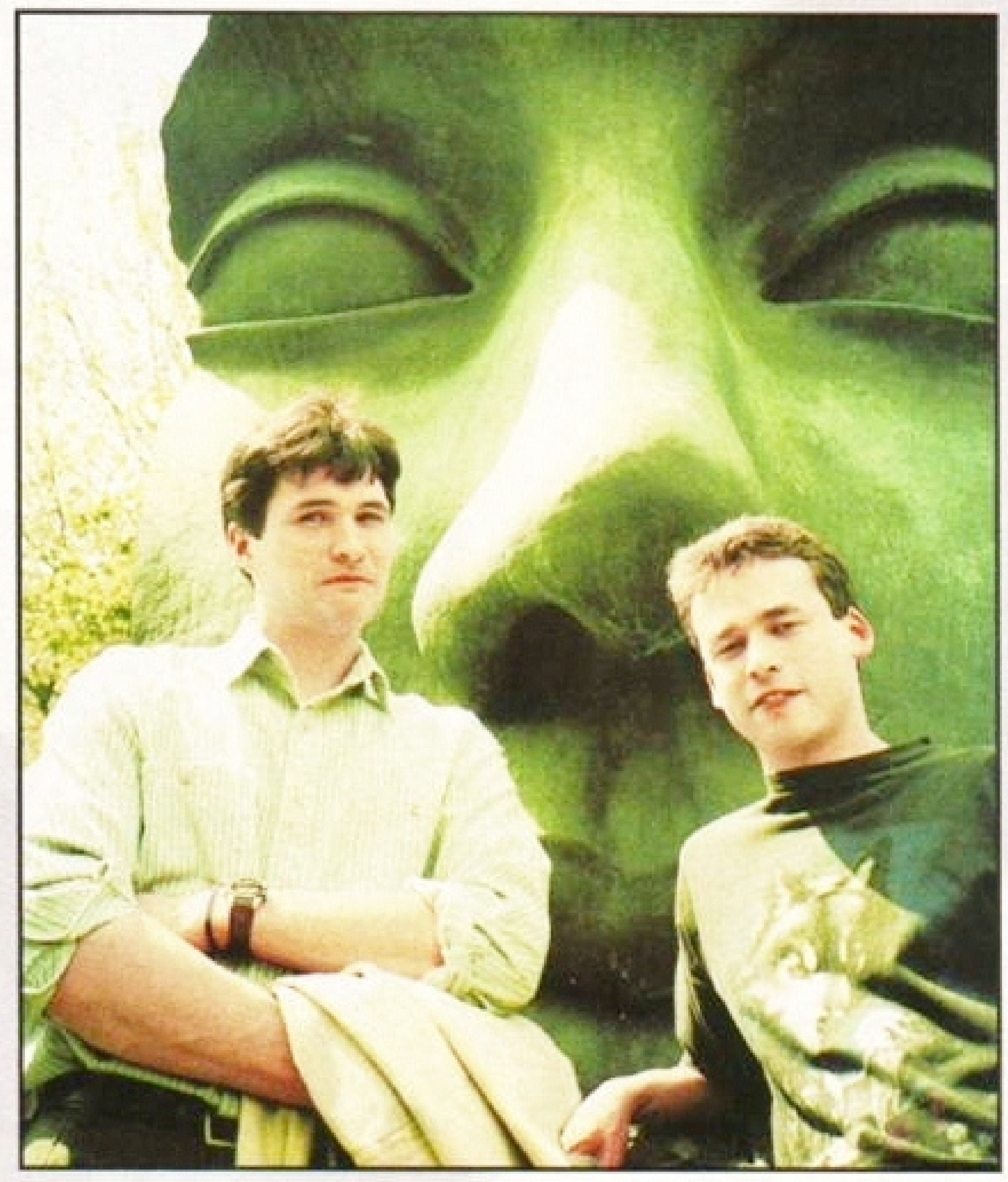
An exhilarating moment from the game we all know and love as *XP8*. It's a bit like expiate isn't it? Good that. Clever. Shows a bit of wit as well.



Yikes! A huge great nasty pinky purply thingy that keeps chucking out shield-hurting yellow shots at my ship. Oi! Pinky purply thing, NO! Don't come round here, etc.



It would be nice if the chaps could get the A500 version to look as good as this, but speed's the order of the day and that means a reduction in graphic quality.



WeatherMine pose in front of the statue of Nick Veitch that Bath and North East Somerset Council have erected in his honour.

The pair admit that they had to make changes to their original design. "We wanted it to be just one level, but really long, but we found that designing just one level proved to be very difficult." Anthony explained.

During beta-testing they decided to split the game up into different levels rather than one long one. "People told us it was just too long". Anthony continued.

The pair also confess to some dubious working habits. "Most of the design happened down the pub", Matt admitted.

The release of *Super Stardust* gave the team some inspiration. "Just the general look, because we couldn't work out how to do ships like theirs so we had to make up our own".

Now *XP8*'s out there and selling, the guys are ploughing the profits back into development and they're currently working on a cut-down version for the A500.

"When we first started" said Anthony, "I asked Matt if we were planning on an A500 version and he basically said 'forget it'. Well, now things have changed and we think we can do a good 500 version".

And what's been the biggest problem? "Piracy", said Matt. "We've been hit quite hard by that. We didn't put much protection on the game because it would only take a determined cracker a couple of hours to get round it whatever, so we just didn't bother too much."

"And the game's on four disks, so I wanted to make it hard disk installable, which again makes it a bit easier for the pirates", added Matt.

"But it really has hit us", Anthony agreed. "Other people have been hit too, of course, but we're only selling a fraction of what we should be selling because of the pirates. Who are just helping to kill the market".

So what's in the pipeline after the A500 version? "We've got plans to do a sort of *UFO* meets *Cannon Fodder* type game", Anthony replies. "But real-time, it might be a two-player, split screen thing, where you can hide behind walls and be able to get into anything you see on-screen. Spaceships, vehicles, whatever."

"We are really keen to do another Amiga game", Matt admits. "We're big fans of it. But you have to consider the number of sales you're going to make and then ask yourself whether that number justifies spending another year working on a game."

Everyone at *Amiga Format* is eagerly awaiting the A500 version of *XP8* and we'll keep you up to date with any developments on the WeatherMine front, but in the meantime if you wish to get your hands on a copy of *XP8* send a cheque/PO for £19.99 to: **WeatherMine Software, 50, Taleforth Road, Ashtead, Surrey, KT21 2PY.**



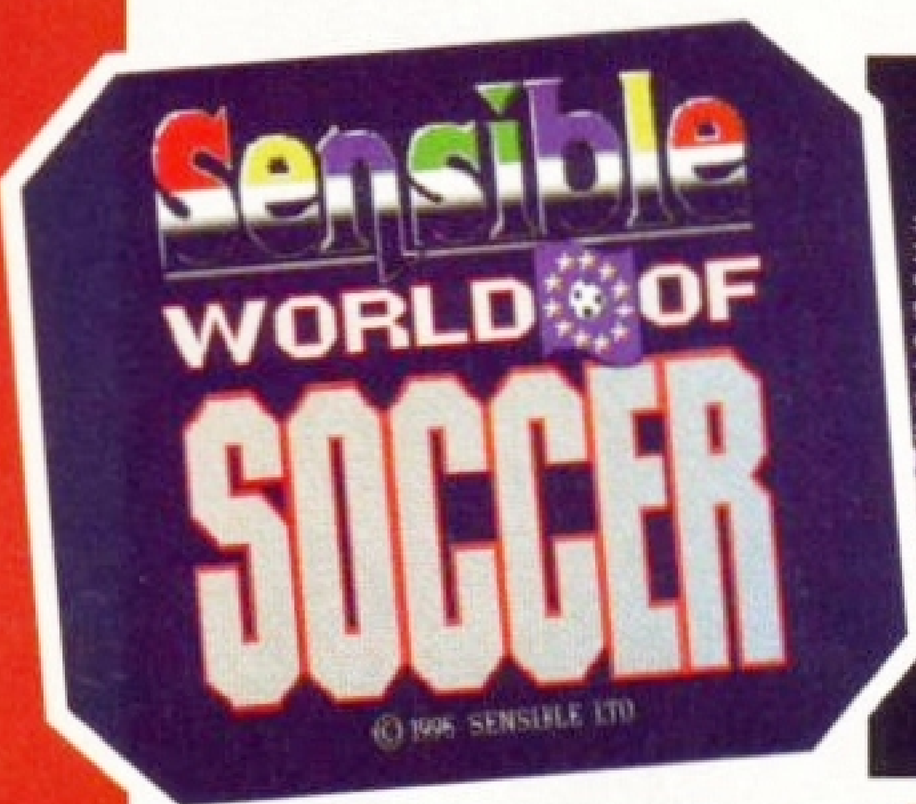
Those of you familiar with *XP8* will know that when you get to this stage you've met a boss. "It took ages to get the legs to work", admits Anthony Fenton-Jones.

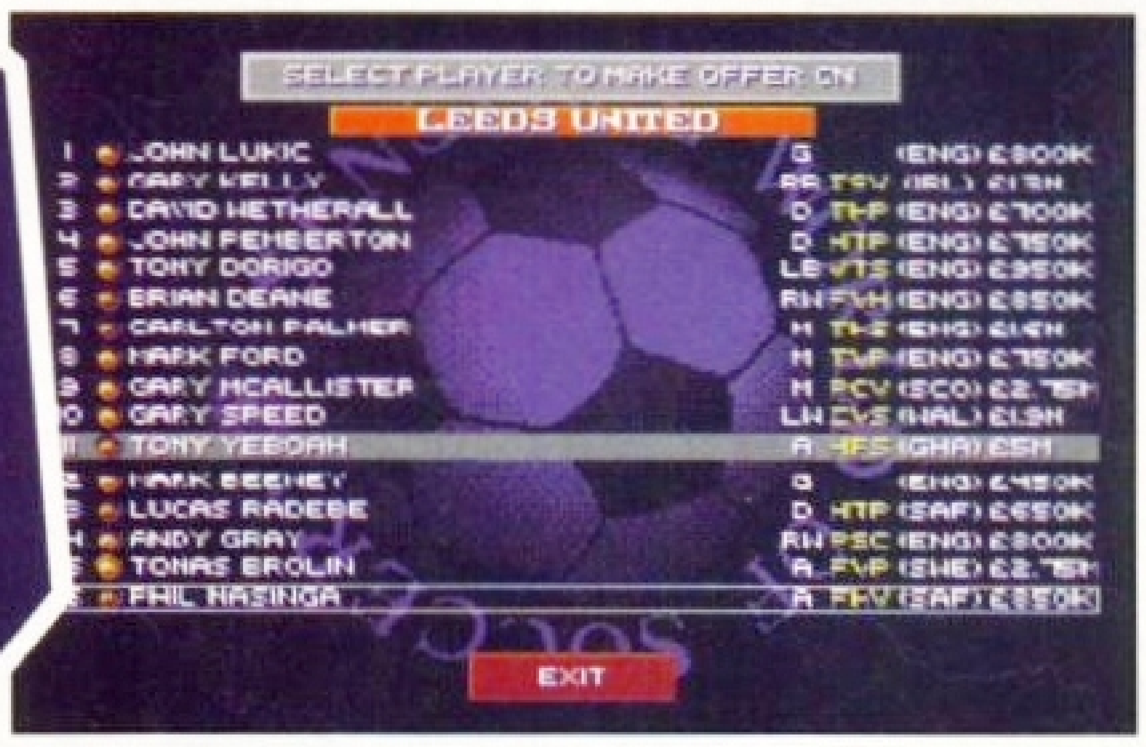


More scrolly, shooty action. If you've got a few spare quid then you could do a lot worse than send it off for a copy of this top shoot-em-up. You know it makes sense.

GameBusters

Your indispensable guide to a better life. Well, a better way to get past the really hard bits. And how to cheat your way to the top.





SWOS: Make sure you select the person at the bottom of the team sheet as well (don't worry, you won't get them).



SWOS: Drop the money to zero, pick your expensive player and then all you have to do is see if they fall for the bait...

SENSIBLE WORLD OF SOCCER

Ben Darlow of Coventry is a mean *SWOS* opponent. Not because he's any good you understand, just because he's found an excellent way to buy top players at rock bottom prices (like for no money at all!). And here's how you do it...

This cheat not only works with *SWOS 95/96* but with the new *European Championships* version of *SWOS 95/96* as well.

Start your career with any team who have an expensive forward (Blackburn Rovers should do) and before you do anything else, head for the transfer market.

Go to Buy Other Domestic Player and select the team whose player you wish to purchase. Now then, highlight the player you want and the player at the bottom of their team sheet (doesn't matter who they are, you're not going to get them). Now, reduce your cash offer to a staggering £0, but offer them your very expensive player instead.

Once the team have accepted the offer (see later notes because this doesn't happen every single time), head back to your team sheet where, lo and behold, you'll have acquired the good player from the other team, you'll still have your expensive player and you won't have spent a bean.

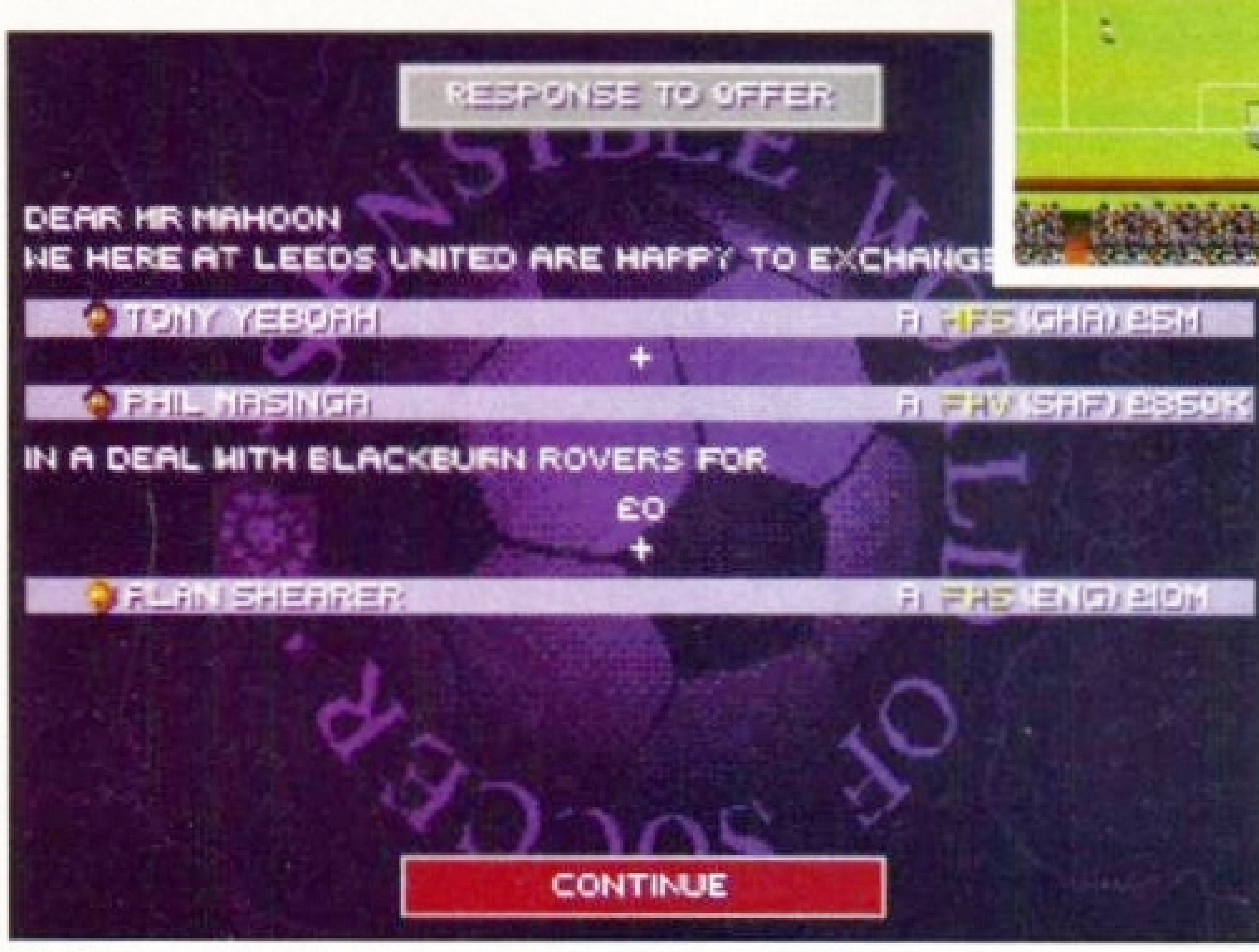
Bear in mind that we've only managed to make this cheat work in the first season of play i.e. when you boot the game up from cold. The cheat only works three or four times (then the Chairman tells you there isn't enough time for any more deals before the first match must be played) and you have to make sure the player you're offering is worth vastly more than the player you're hoping to buy or the other team won't accept the offer. You've also got to make sure you put your expensive player back into the squad before trying to buy another player.

Remember, this cheat is something of a time-bomb in that if you get it wrong you're going to end up swapping your top player for someone not quite so good. But hey! That's the fun that comes with Amiga games' tips!



SWOS: Now just make sure you've got your player back in the side and do it all over again.

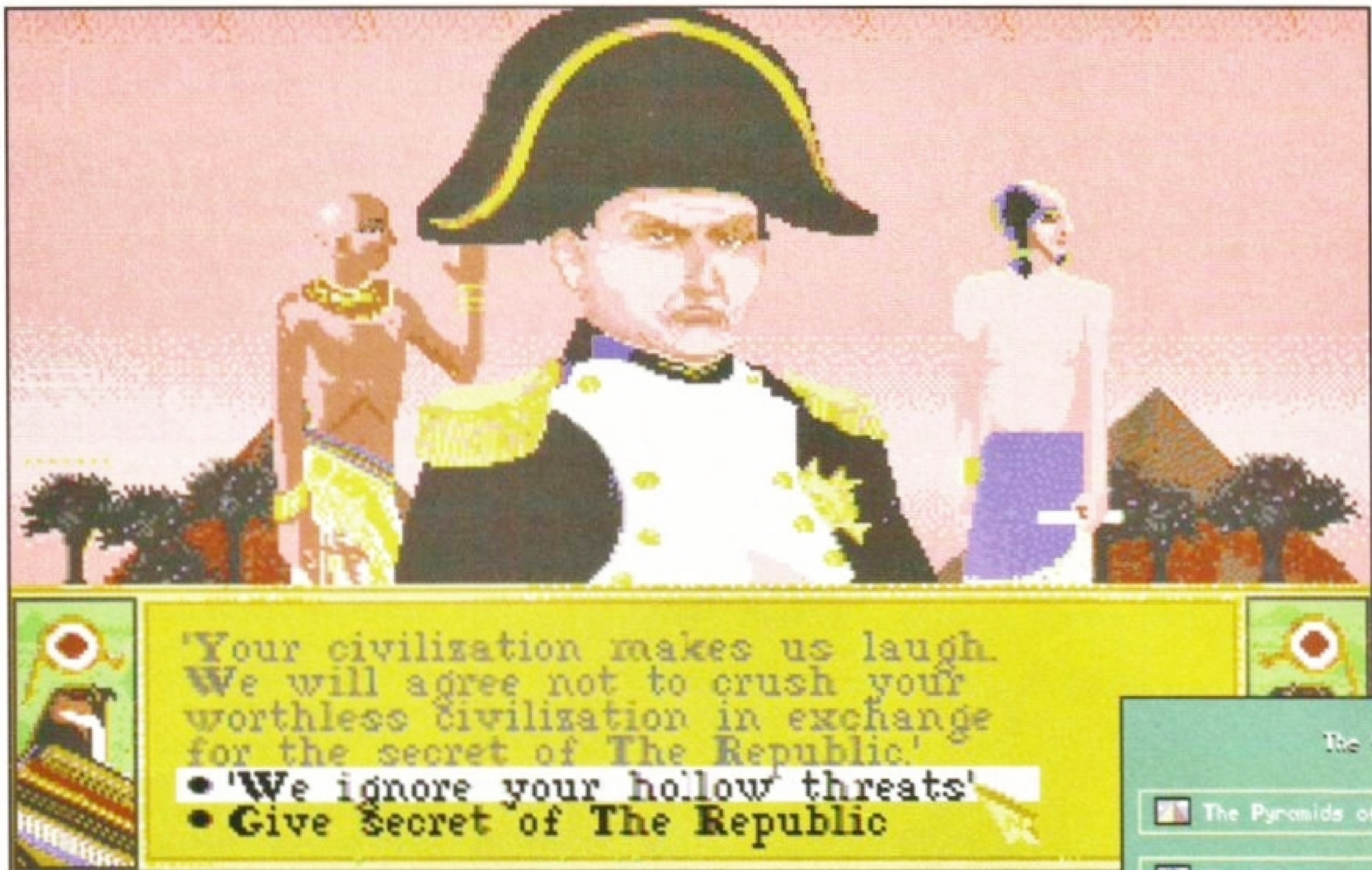




SWOS: ...and yes. They've swallowed it and effectively given me Tony Yeboah for free! Repeat the process three or four times to obtain some more star players.

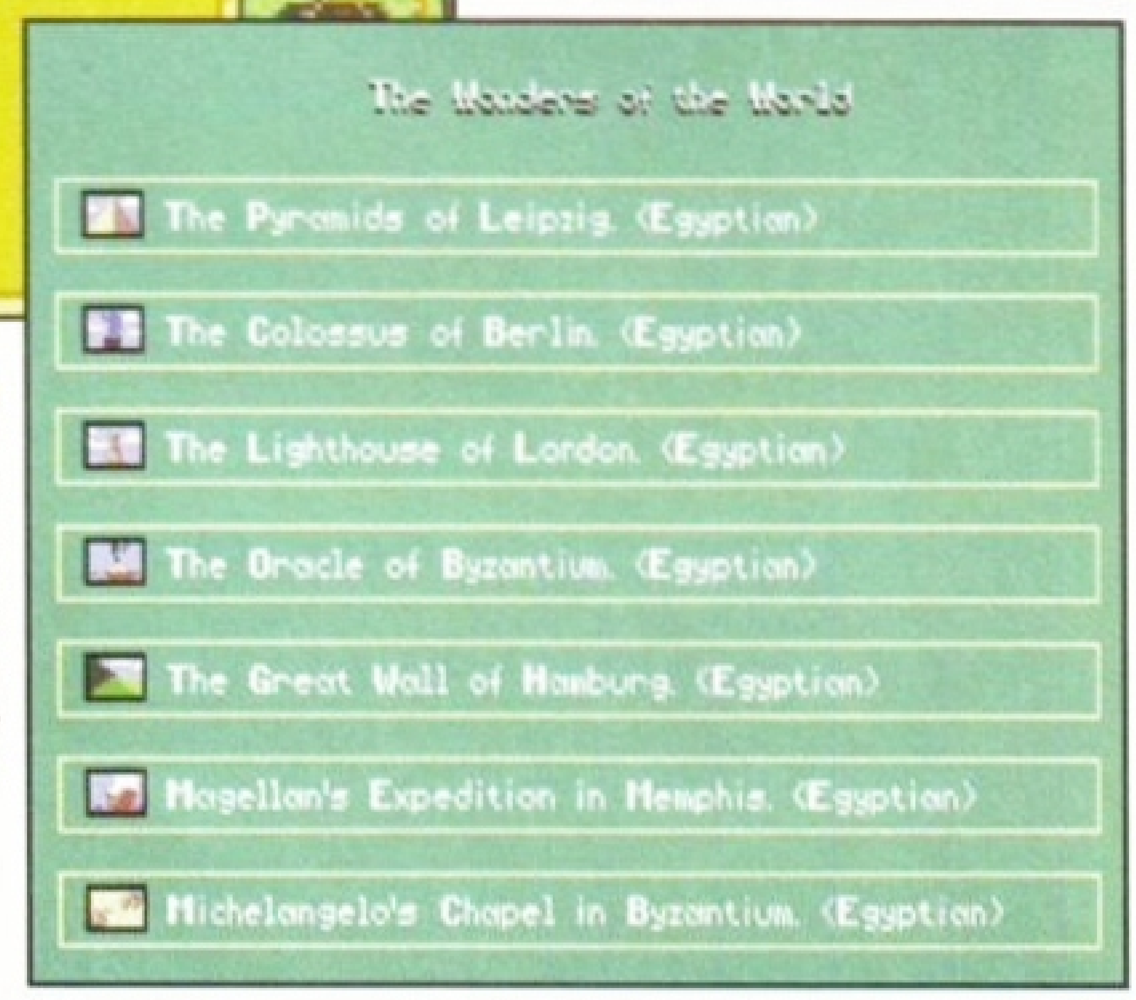


SWOS: For no money at all I've acquired Schmeichel, McManaman, Ince and Yeboah. And still kept Shearer. I feel a few trophies coming on....



CIVILIZATION: We ignore your hollow threats indeed Monsieur! In fact we wave our private parts at your aunties! And there's no point looking like you've just sucked a lemon. We've got gunpowder and we don't care.

■ when you get fatter everything runs very smoothly.



CIVILIZATION (RIGHT): As you can see, the Egyptians are everywhere and own everything. And using our top tips you too could own just about anything you ever wanted!

CIVILIZATION AGA

Temel Bahadir from Gothenburg in Sweden is not only a bit of a *Civ* fan but he's come up with this neat way to hack around the code to give yourself a bit of an advantage.

If you're happy to be hacking around with code then give it a blast, but bear in mind that code can be a delicate thing which can be destroyed (although Temel assures us the worst you can do is destroy your saved game position, so make sure you're using a copy of it before ploughing in). Over to Temel...

One of the most exhausting features of the game *Civilization AGA* is that you are constantly short of cash, especially when you need it most. And it can take you ages to build up enough money to buy an improvement.

Armed with this cheat you will be on equal terms against the computer controlled opponents (which I'm sure already use some built-in cheats and short cuts). It involves editing some bytes in your saved game file to get a very high sum.

THE CHEAT

Start a new game and play until you've built two or three cities with a size of about four-six. Save the game to disk and then quit. Now load this saved game file to a hex editor and change the digits from position 13C to 147 to 7s (sevens). Save the changes and quit the hex editor. Restart the game and load your edited save file. You will now have a neat 30,000 credits in your treasury!

Use up the credits as quickly as possible, on anything, to gain an advantage over the computer opponents. This may be a bit tricky in the beginning when your cities are small and you have not built many improvements. Then you may get the message like "Timbuktu can not support chariot Unit Disbanded", but later on when you get fatter, everything runs very smoothly.

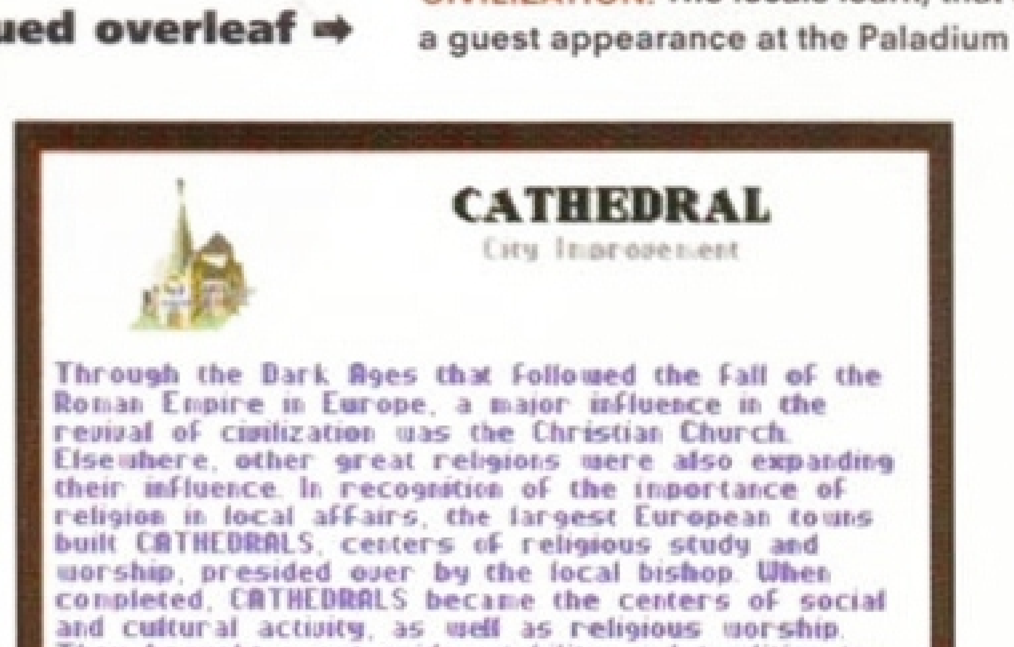
Continued overleaf ➡



CIVILIZATION: The locals learn, that the silver throated Andy Williams, will, indeed be making a guest appearance at the Paladium this weekend.



CIVILIZATION: It's a desert now, but once upon a time all this was a concrete jungle called Swindon. This is what happens when you chop down trees you see...



CIVILIZATION: Cathedrals may well be big and clever, but you can't fit one up your jumper. Of course, once you've cheated your way to the top you'll want lots of 'em.



CIVILIZATION: Ooh look! Everyone's happy, there's lots of things being built and we've got tons of food to keep us going right through the winter months.

CHAMPIONSHIP MANAGER (EVEN MORE!)



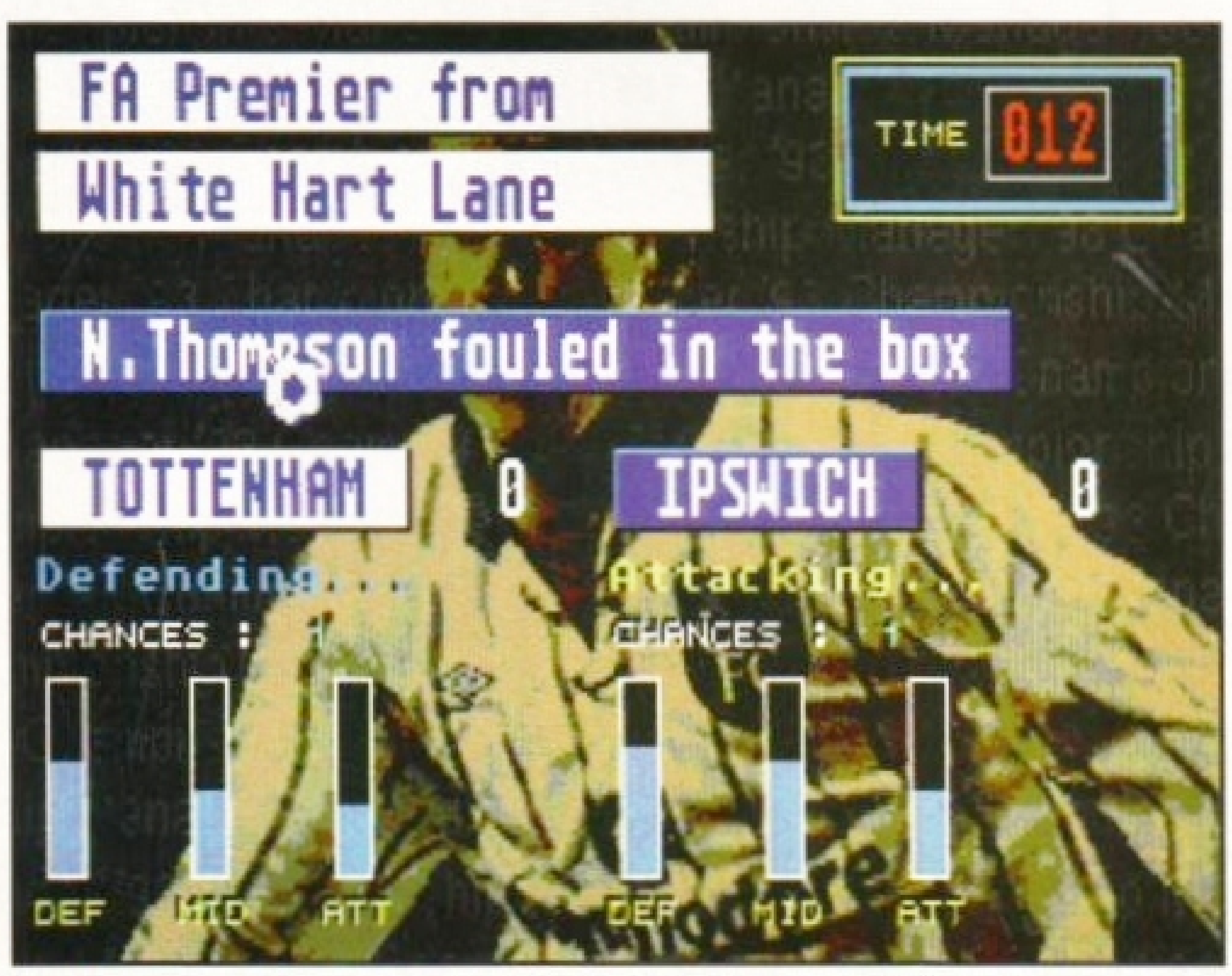
CHAMPIONSHIP MANAGER: Right, who do we want then? That Nicholl chap looks promising and he's not a bad price, get his agent on the blower.



CHAMPIONSHIP MANAGER: This footballer must remain anonymous for legal reasons. And he's got a funny lump on his shoulder.



CHAMPIONSHIP MANAGER: Well, this is going to be a breeze then. No problem sailing through this first leg and then all the way to the top.



CHAMPIONSHIP MANAGER: Ouch! Poor old N. Thompson, fouled in the box and everything. That's going to be a penalty then I shouldn't wonder.

Vincent Urich from Cheltenham, Australia writes:

I have just read the tips you printed on *Championship Manager* in the June Issue. Some of the things I agree with, some things I don't (don't buy Shearer! I don't think so!).

I've been playing the game for at least two years. There is only ONE formation and it's very simple: Three centre forwards, support man, three centre midfielders, anchor man, two centre backmen, goalie.

Support and anchor can be left or right footed. All forwards, midfielders and backs must push forward. I play a backman as anchor, a midfielder may do. Position players should have these attributes:

Forwards should have
Stamina, Pace, Goalscoring

Support
Stamina, Creativity

Midfield
Stamina, Pace, Creativity

Anchor
Stamina, Influence

Backs
Stamina, Pace, Tackling

The style of play should be continental but lower clubs (3rd Division etc) should start on Direct Ball.

With these settings I have never, I repeat, NEVER lost the league. I have scored 111pts. I have won the Premier League in the 28th round – TWICE! I have taken lowly 3rd Division clubs to the top of the Premiership in 3 years, with generated Cheltenham going from 3rd Division to European Champions in five years.

Player attributes such as pace, tackling, flair and so on are by no means infallible. I have bought a forward with 20 pace, 20 stamina and goalscoring and the closest he got to the opponent's goal was when he tripped over the centre circle! The opposite is also true. I have had players with no stats who have become champions.

Attributes are a good guideline though and if you use them you'll end up with three or four players who turn out to be excellent value.

And to round all this off, here's a tip that I haven't seen anywhere before: When you sell a player – let's say Shearer to Man Utd for 6.5 million – some £650,000 goes to Alan – fine, no problem there mate, but some £2 million goes to the Inland Revenue (a real pain for me because it's some 12,000 miles away!). What to do? Buy those players you've always wanted on your shortlist who are itching to get a Championship medal – Ince from Man Utd, Ruddock from Liverpool as support and backman respectively, maybe anchor and captain also.

If you spend £6 million for these two OK, if not, buy Pressman or Martyn as a goalie as well. This will make the incoming money equal to the outgoing money and therefore no profit made for that week equals no tax to pay!

Most importantly, sack all the back room staff who aren't superb asap. Team coach firsts. Lower divisions or yukky clubs – do the best you can.

And finally, goalies should have influence (and maybe stamina which doesn't show up but it is there for goalies, just like goalscoring is there for forwards). AF

LEND A HAND

If you're having trouble with a particular game or have a solution to a question printed in the magazine, don't keep it to yourself, write it down or send it on a disk and we'll do our best to print it. Send it to:

HELPING HANDS,
Amiga Format,
30 Monmouth Street,
Bath BA12 2BW

Stop Press! It's Sale Time at EYETECH for Amiga Upgrades and Accessories

A1200 *InstantDrive* Hard Disk Kits



- ✓ *Rated 97% – AUI February 1996, featured CU Amiga May 1995*
- ✓ ***No hole drilling, case clipping, or shield removal required***
- ✓ *All drives brand new, partitioned, formatted and with 2 year warranty*
- ✓ **ALL AV DRIVES ARE NOW SUPPLIED WITH A FULLY LICENSED VERSION OF OPTONICA'S *MMe* COMMERCIAL MULTIMEDIA AUTHORING SOFTWARE PREINSTALLED**

InstantDrive Inclusive Prices		*Hard Drive Accessories*	
630MB 3·5"	£169·95	Power/Data cables	£16·50
1·08GB AV 3·5"	£219·95	Full fitting kit (with s/w, cables, antistatic kit, 36 page pictorial instruction book)	£27·50
1·28GB AV 3·5"	£239·95	Uprated PSU (connect your old power lead – instructions provided)	£20·00
Please ring for the latest prices		MMe manual, backup disks & examples	£14·95

SX32 *Internal* Expansion for the CD32



The SX32 adds...

- ✓ RGB video (23pin)
- ✓ VGA video (15pin)
- ✓ Parallel port (25pin)
- ✓ Serial port (25pin)
- ✓ Floppy disk port (23pin)
- ✓ ***Internal*** 2·5" hard drive port
- ✓ ***Internal*** SIMM socket for up to 8MB of 32 bit RAM

...to the CD32's existing mouse, joystick, keyboard, audio, RF, composite video and SVHS ports.

Amiga User Int'l	*"95% – Definitely Recommended"*
Amiga Computing	*"90% – "A Dream to Use." Blue Chip Award*
Amiga Format	*"93% – "A Job Well Done" Gold Award*

This is what the SX1 should always have been – maintaining the reliability and portability of the CD32 whilst adding most of the expansion facilities of an A1200. It makes the low cost CD32 ideal as a compact portable Amiga (with CDROM and Kickstart 3·1 built in!), a multimedia delivery platform and, of course, an expanded games console. It comes complete with WB3·0 and utilities on CDROM and a hard drive partitioning, formatting and Workbench installation diskette.

Make your CD32 into a real Amiga

SX32, WB3 CD, Utilities	**£199·95**
Amiga 89-key compact keyboard (400×160mm)	£34·95
External floppy disk (black)	£39·95
Suitable SX32 internal hard drives 40-1000MB	**Please Ring**

Or treat yourself to the Eyetech CD32/SX32 combo pack – a brand new portable Amiga with CDROM, hard drive, clock, memory expansion facilities and keyboard for an unbelievable £399·95 inc VAT – Please ring for further details.

GG2+ Bridgeboard

Use low cost PC ISA cards as Amiga DOS devices.

Drivers provided for:

- ✓ 4 serial ports/modem cards
- ✓ 3 parallel ports
- ✓ 2 IDE hard drives
- ✓ 1 NE1000/NE2000 ethernet card (SANA-compliant)

GG2+ & drivers	**£129·95**
2xs,1xp, 2xIDE card	£30·00
NE2000 ethernet card	£35·00

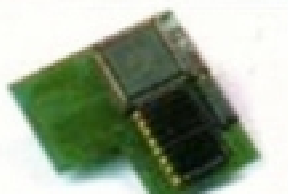
Videomaster PCMCIA



- ✓ Ideal for multimedia applications
- ✓ Stereo audio & video digitizers in 1 package
- ✓ Digitise video & sound at 25fps ***concurrently***
- ✓ Generate 25fps anims direct from video
- ✓ Suitable for A600 and A1200 computers

Unbelievable value at only £69·95

Chip RAM expansion for A500/A2000



- ✓ Upgrades 1MB chip RAM machines to 2MB
- ✓ Essential for graphics and multimedia work
- ✓ No soldering required

£129·95 – Only from Eyetech at this price

Epson Color Stylus Printer Driver v2·1·2 – £29·95

- ✓ Unbelievable, near-photographic quality
- ✓ 24 bit print output from any hard drive-equipped Amiga with Workbench 2·04+
- ✓ Amiga 'Preferences' driver with simple 'Click and Go' installation procedures.
- ✓ Printer calibration utilities & control over shading, colour correction and dithering
- ✓ Stand-alone IFF picture printing program with scaling, rotation and exact positioning



Scanned actual printed output

New! Available June 1996

The Eyetech A600 & A1200 *4-speed* CDROM



- ✓ 4-speed external CDROM in case with PSU
- ✓ Leaves trapdoor free for accelerators/memory expansion
- ✓ Leaves PCMCIA slot free for digitisers, modems, samplers etc.
- ✓ Easily detachable for transport
- ✓ Option to add up to 2 more CDROMs or hard drives
- ✓ Complete with 'Click-and-Go' installation software

Amazing value – Complete package only £149·95

Eyetech Group Ltd

The Old Bank, 12 West Green
Stokesley, N Yorks TS9 5BB, UK
Tel: +44 (0) 1642 713 185
Fax: +44 (0) 1642 713 634
eyetech@cix.compuserve.co.uk
http://www.compulink.co.uk/~eyetech/

Next day insured delivery charges:
Hard/floppy/CD drives, boards, SX32 £8 UK, £15·05EC
Software, cables £2·50 UK, £6·05 EC.

Worldwide deliveries in 3-6 days from receipt of faxed order and payment details. Ask for delivery costs.

Cheques, Visa*, Mastercard*, Switch, Delta, Connect.

Postal/Money orders accepted.

**A 3% surcharge is applicable to all credit (but not debit) card orders.*

All prices include VAT at 17·5%
VAT is not applicable to non-EC orders

Memory Expansion – *Exceptional value!*



A1200 RAM boards (clock, FPU skt)		Simms for A1200/A4000/SX32	
No RAM	£49·95	4MB 72 pin 32 bit SIMM	£59·95
4MB RAM	£99·95	8MB 72 pin 32 bit SIMM	£119·95
8MB RAM	£169·95	16MB 72 pin 32 bit SIMM	£199·95
33MHz floating point accelerator & crystal for RAM boards			£39·95

POSTAGE & PACKING	
UK	- FREE
EUROPE	- £ 2.00
REST OF WORLD	- £ 3.50

Premier Mail Order

TEL : 01268 271172
FAX : 01268 271173
CIS : 100307-1544

Please Send Cheques/POs Made out to Premier Mail Order or Visa/Mastercard/(Switch + Issue No) & Expiry Date to:
Dept:AF08 9-10 THE CAPRICORN CENTRE, CRANES FARM ROAD, BASILDON, ESSEX SS14 3JJ

Mon-Fri 9am-7pm Sat&Sun 10am-4pm. Please note: Some titles may not be released at the time of going to press. Most titles are despatched same day, but can take up to 28 days. VAT is included

	500	1200	CD
688 Attack Sub	10.99	—	—
A10 Tank Killer	12.99	—	—
A1200 Desktop Dynamite Pack *Wordsworth, Deluxe Paint 4 AGA, Digita Print Manager, Oscar, Dennis*	—	12.99	—
Addams Family	8.99	—	—
Aladdin	—	19.99	—
Alien Breed 3D	—	22.99	22.99
ALIEN BREED 3D 2	—	22.99	22.99
All Terrain Racer	19.99	19.99	19.99
Apidya	8.99	—	—
Arabian Knights	8.99	9.99	12.99
Arcade Pool	8.99	—	12.99
Archer Macleans Pool	10.99	—	—
Assassins Games	—	—	19.99
Atrophy	—	17.99	—
Award Winners 2	19.99	—	—
Banshee	—	7.99	—
Base Jumpers	9.99	—	9.99
Battlechess	—	—	19.99
Battle Isle '93	17.99	—	—
Big Sea	19.99	—	—
Birds of Prey	12.99	—	—
Black Crypt	10.99	—	—
Blastor	17.99	—	—
BLITZ BASIC 2.1	22.99	—	—
Blitz Tennis	19.99	—	—
Bloodnet (18)	19.99	22.99	—
Body Blows Galactic	—	22.99	—
Bravo Romeo Delta	8.99	—	—
BREATHLESS	—	26.99	—
Brutal Paws of Fury	—	19.99	19.99
Brutal Football	—	13.99	19.99
Bubble & Squeak	17.99	19.99	19.99
Budokan	10.99	—	—
Burntime	17.99	17.99	—
Campaign 2	12.99	—	—
Cannon Fodder 2	19.99	—	—
Cannon Fodder	12.99	—	19.99
Cardiaxx	8.99	—	—
CHAMP MANAGER 2	19.99	—	—
CIVILISATION	10.99	—	—
CHAOS ENGINE 2	19.99	19.99	—
ClockWiser	9.99	9.99	9.99
Club Football	9.99	9.99	—
Club & Country	7.99	—	—
COALA	—	19.99	—
Colonisation	22.99	—	—
Core A1200 Bundle - *Skeleton Krew, Banshee, Heimdall 2*	—	12.99	—
Core CD32 Bundle 2 - *Bubba n Stix, Premier, Chuck Rock 1+2*	—	—	16.99
Cosmic Spacehead	17.99	—	—
Covergirl Poker (18)	12.99	—	—
Craft for AMOS	17.99	—	—
Cruise For A Corpse	12.99	—	—
Cyberspace	22.99	—	—
D Generation	12.99	—	17.99
Dark Seed	12.99	—	19.99
Deluxe Paint V	59.99	—	—
DELUXE VIDEO 3	66.99	—	—
Demomaniac	17.99	—	—
Desert Strike	12.99	—	—
Dogfight	12.99	—	—
Dune 1 or 2	12.99	—	—
Dungeon Master 2	—	22.99	—
Elite +	12.99	—	—
Elite 2 - Frontier	19.99	—	19.99
Embryo	17.99	—	17.99
Emerald Mines	—	—	12.99
Epic	12.99	—	—
European Champions	10.99	—	—
Exile	9.99	19.99	19.99
Exterminator	17.99	—	—
Extractors	—	—	19.99
EXTREME RACING	—	12.99	19.99
Formula One Grand Prix	8.99	—	—
F1	12.99	—	—
F29	10.99	—	—
Fears	—	19.99	19.99
FIFA Soccer	19.99	—	—
Final Over	10.99	—	12.99
Fire Force	—	—	19.99
Flashback	12.99	—	—

	500	1200	CD
F Sim 2 Hawaiian Scenery	13.99	—	—
Gearworks	7.99	—	—
Gloom	—	19.99	19.99
Gloom Data Disk	—	12.99	—
Gloom 2	—	—	19.99
GLOOM DELUXE	19.99	—	—
G Gooch-Second Innings	11.99	—	—
G Gooch-Test Match	19.99	—	—
G Gooch-W Class Cricket	9.99	—	—
G Gooch - 94/95 D/Disk	4.99	—	—
G Gooch - Battle for Ashes	4.99	—	—
Guardian	—	8.99	8.99
Gunship	10.99	—	—
GUNSHIP 2000	8.99	—	—
Hanna Barbera Animation	29.99	—	—
Hard Nova	8.99	—	—
Heart of China	12.99	—	—
Help! Compilation - *Sensible Soccer Euro Champs, Push Over, Road Rash, Cool Spot, The Humans, Desert Strike*	17.99	—	—
History Line 1914-18	12.99	—	—
Hook	8.99	—	—
Hudson Hawk	6.99	—	—
HUMANS 3	—	19.99	19.99
Immortal	10.99	—	—
Indy Jones - Atlantis Adv	12.99	—	—
Indianapolis 500	10.99	—	—
Insight Dinosaurs	—	—	14.99
Intelligent Strategy Games *Chess, Bridge, Go, Backgammon, Checkers, Renju, Gomoku, 4 In A Line, Chinese Chess*	19.99	—	—
IntOS -AMOS	16.99	—	—
ITS Cricket	18.99	—	—
James Pond 3	—	—	8.99
Jimmy White's Snooker	12.99	—	—
John Madden Football	10.99	—	—
Jungle Strike	—	21.99	21.99
KGB	12.99	—	—
Kick Off 3	—	9.99	—
Kick Off 3 Euro Champs	—	9.99	—
Kid Chaos	19.99	19.99	21.99
Kingpin	10.99	12.99	12.99
Kings Quest 3 or 5	12.99	—	—
Kings Quest 6	22.99	—	—
Last Ninja 3	—	—	9.99
Leading Lap	19.99	19.99	—
Leisure Suit Larry 1,2 or 3	12.99	—	—
Lemmings 1	—	—	19.99
LEMMINGS 3	—	19.99	—
Links -The Challenge	12.99	—	—
Lion King	—	19.99	—
Lombard RAC Rally	6.99	—	—
Lotus Trilogy	—	—	9.99
Lure Of The Temptress	12.99	—	—
Marvens Marvellous Adv	—	—	19.99
Megatraveller 1 or 2	12.99	—	—
Messengers Of Doom	19.99	—	—
MICROPROSE GOLF	12.99	—	—
Microlight Warriors	—	19.99	19.99
Midwinter	10.99	—	—
Mighty Max	17.99	19.99	—
Military Masterpieces	19.99	—	—
Morph	—	7.99	8.99
Mr. Nutz	17.99	—	—
Music X 2.0	27.99	—	—
Multi Media Experience	24.99	—	—
Mutant League Hockey	17.99	17.99	—
Napoleonics	12.99	—	—
Navy Moves	6.99	—	—
Nigel Mansells W/Champ	8.99	—	—
Odyssey	17.99	—	—
One Day Cricket	8.99	—	—
On The Ball - League	—	22.99	—
Operation Harrier	8.99	—	—
Operation Stealth	11.99	—	—
Oriental Games	8.99	—	—
Overlord	22.99	—	—
PGA European Tour	12.99	12.99	—
PGA Tour Golf	12.99	—	—
Pinball Dreams & Fantasies	22.99	—	—
Pinball Fantasies	—	19.99	24.99
Pinball Illusions	—	19.99	19.99
Pinball Mania	—	19.99	—
PINBALL PRELUDE	19.99	19.99	—

	500	1200	CD
Player Manager 2	13.99	—	—
Player Manager 2 Extra	—	13.99	—
Pole Position	19.99	19.99	—
Populous & Promised Lands	12.99	—	—
Populous 2	12.99	—	—
PowerBase v3.5 (D/base)	12.99	—	—
Powerdrive	9.99	19.99	19.99
Powerhouse	22.99	22.99	—
Powermonger & D/Disk	12.99	—	—
Premier Manager 3 Deluxe	13.99	—	—
Prem Man 3 Multi Edit Sys	10.99	—	—
Prime Mover	17.99	—	—
PRIMAL RAGE	19.99	—	—
Project X	10.99	—	—
Pro Tennis Tour	6.99	—	—
Pushover	8.99	—	—
Pussies Galore	—	16.99	16.99
PUTTY SQUAD	—	19.99	19.99
Reach For The Skies	12.99	—	—
Realms	10.99	—	—
Red Baron	12.99	—	—
Rise Of The Robots	17.99	12.99	12.99
Risky Woods	10.99	—	—
Roadkill	—	8.99	8.99
Road Rash	10.99	—	—
Robocop 3	10.99	—	—
Rugby League Coach	19.99	—	—
Ruffian	13.99	—	—
Sensible Golf	19.99	—	—
Sens Wld Of Soccer 95/96	16.99	—	—
Sens Wld Of Soccer Euro96	16.99	—	—
Settlers	19.99	—	—
Shaq Fu	19.99	21.99	—
Shuttle	12.99	—	—
Sierra Soccer	16.99	—	—
Skitchin	17.99	17.99	17.99
SLAMTILT	—	19.99	—
Sleepwalker	8.99	8.99	—
Soccer Stars 96	24.99	24.99	—
Soccer Team Manager	10.99	—	—
Space Quest 1,2,3 or 4	12.99	—	—
Speris Legacy	—	19.99	19.99
Spherical Worlds	17.99	—	17.99
Star Crusader	—	19.99	—
Star Fighter	—	19.99	—
Strike Fleet	10.99	—	—
STRIP POT (18)	—	9.99	9.99
Suburban Commando	7.99	—	—
Subversion	8.99	—	—
Super League Manager	19.99	19.99	19.99
Super Skidmarks	12.99	—	12.99
Super Skidmarks D/Disk	12.99	—	—
Super Stardust	—	22.99	22.99
Super Streetfighter 2	20.99	—	—
Super S/fighter 2 Turbo	—	20.99	20.99
Super Tennis Champ	17.99	—	—
Supremacy	10.99	—	—
Syndicate	12.99	—	—
Tactical Manager	19.99	—	—
Test Match Cricket	7.99	—	—
Terminator 2	6.99	—	—
The Clue	—	19.99	—
The Games	10.99	—	—
Their Finest Hour	12.99	—	—
THEME PARK	22.99	22.99	—
Thunderhawk	4.99	—	—
Top Gear 2	17.99	17.99	—
TOTAL FOOTBALL	22.99	—	—
Touring Car Challenge	12.99	—	—
Tower of Souls	19.99	19.99	—
Traps & Treasures	17.99	—	17.99
Treble Champions 2	7.99	—	—
Triple Action - Vol 6 - *Super Tetris + Airball + Time Bandit*	9.99	—	—
Turbo Trax	19.99	—	—
Turning Points	12.99	—	—
U.F.O.	8.99	8.99	—
Ultimate Body Blows	—	—	22.99
Ultimate Golf	8.99	—	—
Ultimate Soccer Manager	19.99	19.99	—
Uncovered	17.99	—	—
Vital Light	19.99	—	19.99
Watch Tower	—	16.99	—
Wheel Spin	—	19.99	—

	500	1200	CD
Wild Cup Soccer	17.99	17.99	8.99
Wing Commander	12.99	—	—
Winter Gold	12.99	—	—
Wizkid	10.99	—	—
World Cup Golf	—	—	29.99
WORLD CUP YEAR '94	19.99	—	—
World of Football	19.99	—	—
World of Golf	17.99	—	—
World of Soccer	7.99	—	—
Worlds at War	6.99	—	—
Worlds of Legend	12.99	—	—
WORMS	19.99	—	19.99
Worms Reinforcements	12.99	—	—
Wreckers	19.99	—	—
WWF 1 or 2	8.99	—	—
X-IT - Zonked	16.99	—	—
XP 8	—	19.99	—
Zeewolf	12.99	—	—
ZEE WOLF 2	25.99	—	—

SPECIAL OFFERS

	500	1200	CD
A320 Approach Trainer	12.99	—	—
Body Blows	12.99	12.99	—
Bubba n Stix	4.99	—	4.99
Chuck Rock 2	4.99	—	4.99
ClockWiser	9.99	9.99	9.99
Cool World	8.99	—	—
Corporation	4.99	—	—
Dennis	—	—	12.99
Dragonstone	4.99	—	4.99
Fields Of Glory	8.99	8.99	8.99
Football Glory	8.99	8.99	—
Heimdall	4.99	—	—
Heimdall 2	4.99	7.99	—
Jaguar XJ220	4.99	—	—
J Nicklaus Designer Clip Art	7.99	—	—
Jetstrike	9.99	9.99	9.99
Last Ninja 3	—	—	9.99
Mean Arenas	—	—	12.99
Morph	—	7.99	—
Myth	—	—	12.99
Naughty Ones	—	—	12.99
Out To Lunch	—	—	12.99
Powergames	—	—	12.99
Sabre Team	—	—	12.99
Shadowfighter	9.99	9.99	—
Skeleton Krew	—	7.99	4.99
SIMON THE SORCEROR 1	12.99	12.99	12.99
Skidmarks	8.99	—	—
Steve Davis Snooker	4.99	—	—
Syndicate	12.99	—	—
Torvak	4.99	—	—
Total Carnage	—	—	12.99
Universe	4.99	—	8.99
VIRTUAL KARTING	—	12.99	—
Warzone	4.99	—	—
Wembley Intl Soccer	—	7.99	7.99
Wembley Rugby League	7.99	—	—
Wolfchild	4.99	—	—
Wonderdog	4.99	—	—
World Class Rugby 95	9.99	—	—
Zool	8.99	—	8.99

EDUCATIONAL

	500	1200	CD
Better Spelling (8-10)	13.99	—	—
Better Maths (12-16)	13.99	—	—
Cave Maze (8-12)	10.99	—	—
Fraction Goblins (8-13)	10.99	—	—
Insight Dinosaurs	—	—	14.99
Junior Typist (5-10)	10.99	—	—
Kid Pix	10.99	—	—
Magic Maths (4-5)	13.99	—	—
Maths Dragons (6-13)	10.99	—	—
Maths Mania (8-12)	13.99	—	—
Picture Fractions (7-10)	10.99	—	—
Reasoning With Trolls 5-12	10.99	—	—
Tidy The House (6-10)	10.99	—	—
Robin Hood (8+)	13.99	—	—
Scrooge - Xmas Carol 8+)	13.99	—	—
The Three Bears (5-10)	13.99	—	—
Wind In The Willows (6+)	13.99	—	—
Wizard Of Oz	13.99	—	—

JOYSTICKS & ACCESSORIES

AAR=ANALOGUE ADAPTER REQUIRED

100 Capacity 3.5" Disk Box	7.99
4 Player Joystick Adapter	4.99
Accelerator 68020 EC Bare for A500/+	95.99
Amitek Fusion Geniock	94.99
Analogue Joystick Adaptor	4.99
Automatic Joystick/Mouse Splitter	14.99
CH FLIGHTSTICK (ANALOG) ...(AAR)	**29.99**
Cheetah 125+	7.99
Competition Pro Joypad for CD32	13.99
External 880K Floppy Drive	59.99
Freewheel Analog Steering Wheel	12.99
GRAVIS ANALOGUE JOYSTICK ...(AAR)	**19.99**
Internal 880K Floppy Drive A500	47.99
Int 880K Floppy Drive A600/A1200	49.99
Mouse	10.99
Mousehouse	1.99
Mousemat	1.99
Joystick/Mouse Extension Cable	6.99
Joystick Y Splitter	4.99
Logic 3 Delta Ray Autofire JY156	10.99
Logic 3 Alpha Ray - Autofire	10.99
Logic 3 Sigma Ray - Autofire	12.99
POWER SUPPLY UNIT	**39.99**
Quickjoy Pedals SV129	9.99
Quickjoy II Turbo SV124	10.99
Screenbeat 3 Speakers SB203	12.99
Screenbeat 4 Speakers SB204	11.99
Screenbeat 5 Speakers SB205	11.99
Screenbeat 25 Speakers SB 225	21.99
Screenbeat Pro 50 Speakers SB250	32.99
Screenbeat RCA Adapter Cable	1.99
Screenbeat Power Supply	7.99

Amiga CDROM

So Ho CDROM

Amiga Tools 3	24.99
Amiga Utilities 2	19.99
Aminet Set 1 or 2	24.99
Aminet 7 or 8 or 9 or 10	14.99
Aminet 94-02	9.99
Amos CD	19.99
Animations	19.99
Artwork Colour	9.99
C-64 Sensations	19.99
CD Boot	32.99
CD Write	32.99
Clip Art	9.99
Fonts	9.99
FreshFonts	19.99
FreshFonts 2	19.99
Gateway	9.99
Giga Graphics	24.99
Gold Fish 1 or 2	24.99
Graphics Sensation	14.99
Hottest 4	9.99
Hottest 6	14.99
Illusions in 3D	4.99
Meeting Pearls 3	9.99
Multimedia Toolkit 2	24.99
Network CD2	14.99
Octamed 6	24.99
Professional Fonts & Clipart	9.99
Professional IFF & PCX Library	19.99
Professional Utilities 1-1500	19.99
Sound Library & GRX Library	19.99
Textures 1	32.99
The Beauty Of Chaos	9.99
The Colour Library	9.99
The Light Rom	32.99
The Light Rom 2	32.99
The Light Works	24.99
UPD Gold	24.99
World Of Clipart	9.99
World Of GIF	9.99
World Of Photo	9.99
World Of Sound	9.99

Amiga RAM Expansions

All chips 72 Pin Single Sided
Autoconfigures as FAST RAM

RAM Board - A1200 - Bare	**59.99**
RAM Expansion 4Mb 72 Pin SIMM	**59.99**
RAM Expansion 8Mb 72 Pin SIMM	**139.99**
RAM Expansion 16Mb 72 Pin SIMM	**279.99**

PD & SHAREWARE

BUSINESS	
B001 A-Gene (1 meg)	1.25
B002 Business Card Maker	1.25
B003 Database Master	1.25
B004 Ami Cash	1.25
B005 Amibase Prof	1.25
B006 600 Business Letters	1.25
B007 Text Engine	1.25
B008 PC Task	1.25
B011 A-Gragh	1.25
B013 Analytic ALC	2.50
B015 Stock Analyst	1.25
B017 Budgets V1.34	1.25
EDUCATIONAL	
E002 The Bible (4 Disks)	4.99
E003 World Databank	1.25
E006 Total Concepts	1.25
E007 Bank Talk	1.25
E008 Dunks DTP	1.25
E009 Colour The Alphabet	1.25
E010 The Highway Code	1.25
E011 Junior Maths	1.25
E012 Electronic Train Set (1 MEG)	1.25
E013 Learn & PLay 1	1.25
E014 Learn & Play 2	1.25
E015 Treasure Hunt	1.25
E016 Wraithed One	1.25
E017 Story Land 2	1.25
E018 Wordsname	1.25
CREATIVE	
C002 Label Designer	1.25
C003 Super Fonts	1.25
C005 Deluxe Paint Tutor	1.25
C006 Shadow Demo Maker	1.25
C009 Illinois Labels	1.25
C011 Word Power	1.25
C012 Font Farm	1.25
C013 Wine Maker	1.25
C014 Assassins	1.25
C016 Garden Designer	1.25
C017 X Beat	1.25
UTILITIES	
U003 The Workshop	1.25
U006 Address Book	1.25
U008 Asteroid	1.25
U010 Autograph	1.25
U014 Panasonic Printer Driver	1.25
U015 H.P. Printer Driver	1.25
U016 Seikosha Printer Driver	1.25
U017 Cannon & Citizen Printer Driver	1.25
U020 Bad Format	1.25
U021 Amiga Beginers Guilde	1.25
U022 Better Bench V1.2	1.25
U023 De-grader 500 600 1200	1.25
U024 Extermin-8 Virus Killer	1.25
U028 Action Replay For The 600	1.25
U029 Amiga Tutorial	1.25
U030 A.C.E.S Database	1.25
U035 Text Plus v4.00	1.25
U037 Ultimate Cheats And Solutions	1.25
U038 Number Pad For 600	1.25
U039 Calorie Base	1.25
U040 J R Comm	1.25
U041 Race Raptor	1.25
U042 Pools Pools V2	1.25
U043 Training Log	1.25
U044 Mastie Niblick	1.25
U045 D-Solve	1.25
U046 Lockpic v2.0	1.25
U047 Relo Kick v1.4	1.25
U048 Procad Electroid	1.25
U049 Dividends Winner	1.25
U052 Essential Virus Killer	1.25
U053 Soccer League	1.25
U054 TERM V 4.0	3.75
U055 Virus Checker V 7.18	1.25
U056 Parnet	2.50
U057 Disksalve	1.25
DEMOS & RAVE	
D001 Night Breed	1.25
D002 Iron Maiden Slideshow	1.25
D003 Good Morning Veitnam	1.25
D004 Creep Show	1.25
D005 Fracion Horror Show	1.25
D006 Total Recall Slideshow	1.25
D007 Evil Dead (1 meg)	1.25
D008 Batman Cartoon	1.25
D009 Robocop	1.25
D010 Viz Slideshow	1.25
D011 Not The 9 Oclock News	1.25
D012 Raider Of The Lost Ark	1.25
D013 Predator Demo	1.25
D014 Safe Sex (18)	1.25
D015 Stealthy 2 (1 meg)	1.25
D016 Jimi Hendrix Slideshow	1.25
D018 Holsten Pils	1.25
D019 Popeye Meets The Beach Boys	1.25
D021 Moonwalker Demo	1.25
D022 Mike Tyson (1 meg)	1.25
D024 Terminator	1.25
D026 Life Of Brain	1.25
D027 The Garfield Slideshow	1.25
D028 Teenage Turtles Slideshow	1.25
D029 WWF Slideshow	1.25
D030 The Gathering GFX	1.25
D041 Enterprise leaving Dock	1.25
D042 Girls of Sport	1.25
D043 The Run (1 meg)	1.25
D044 Star Trek Animations	2.50
D046 How To Skin A Cat	1.25
D047 Calendar Girls (18)	1.25
D049 Techno Warrior	1.25
D050 Jesus Loves Acid	1.25
D052 Rave Length	1.25
GAMES	
G014 Zalycon	2.50
G015 Earth Invaders	1.25
G017 Mayhem	1.25
G018 The Fun House	1.25
G019 Amos Games	1.25
G020 Games Galore	1.25
G021 Quadrix (pal only)	1.25
G022 Buzzard	1.25
G023 Break Out	1.25
G024 DEmolition Mission	1.25
G025 Lady Bug (not 600 or 1200)	1.25
G026 Depth Charge	1.25
G029 Dual	1.25
G030 Spitfire Assault	1.25
G032 Relayer	1.25
G034 Top Secret	1.25
G035 Flagcatcher	1.25
G036 Wizwar	1.25
G038 Calculus Combat	1.25
G039 Blob	1.25
G040 Sector	1.25
G041 Gush	1.25
G042 Smurf Hunt	1.25
G043 Super League Manager	1.25
G044 Quiz Master & Editor	1.25
G045 Revenge Of The Mutant Camels	1.25
G046 Tank Attack	1.25
G047 White Knight	1.25
G048 Wibble World Giddy	1.25
G051 Atlantis	1.25

WE ALSO SELL SONY PLAYSTATION, SEGA SATURN, SNES, PC, MACINTOSH, ST AND JAGUAR GAMES, JOYSTICKS AND PERIPHERALS - PHONE NOW! E&OE

PD select

Spruce up your Workbench with some lovely ladies or some Star Trek style icons. Robert Polding has all of the details.



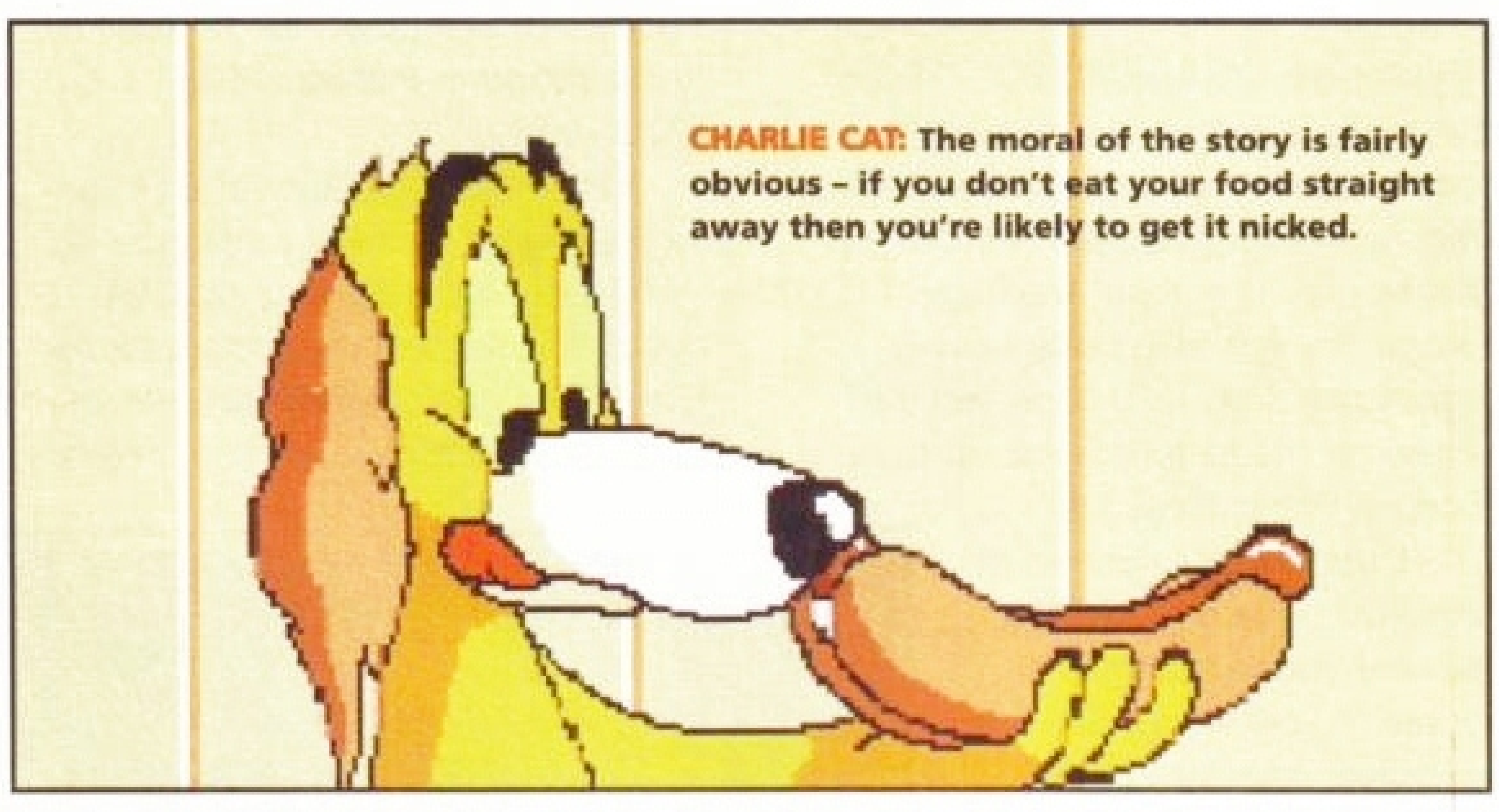
CHARLIE CAT: Unfortunately this is just an all too familiar scenario.

QUICKIES VOL. #1 (CHARLIE CAT)

ANIMS

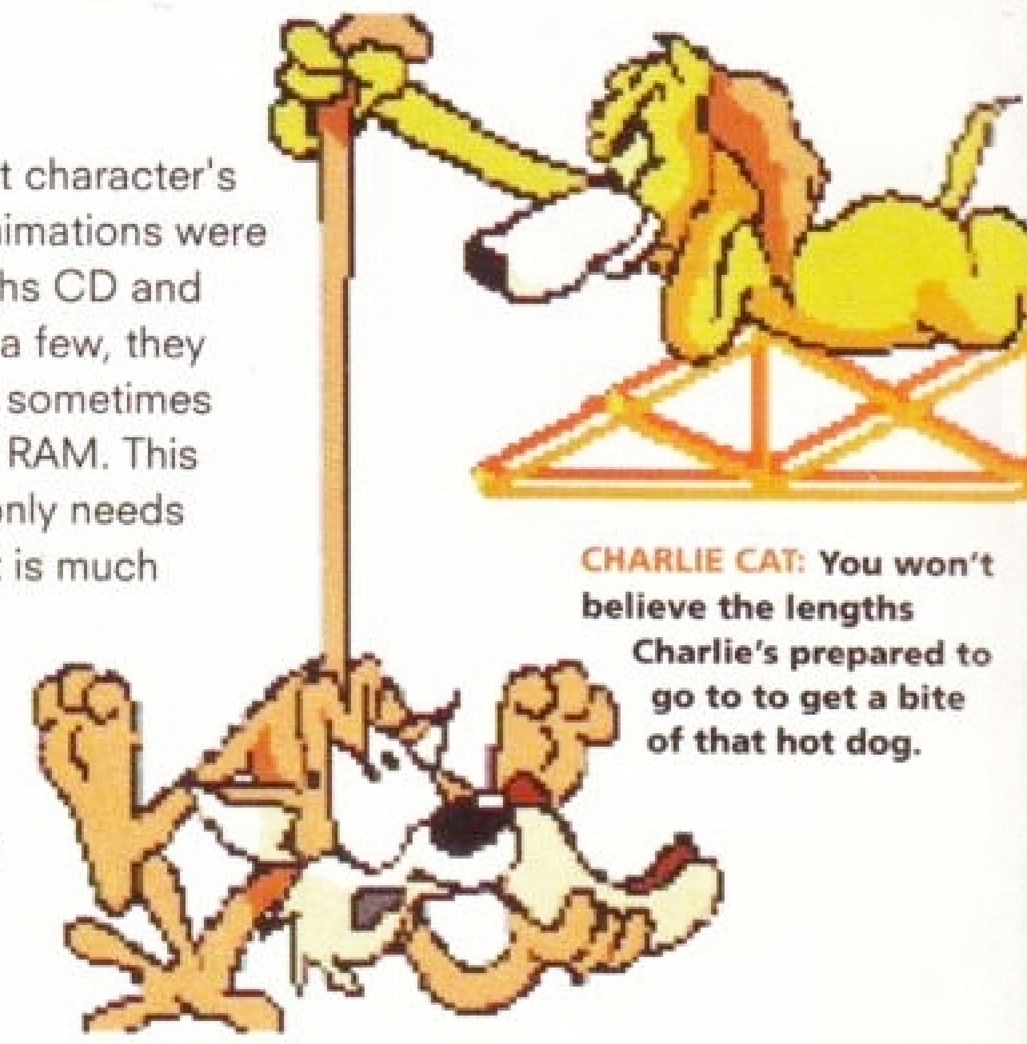
By ....Anthony Whitaker
Ware ....Freeware
PD Library ....Roberta Smith DTP
No of Disks....................................One
Price................90p per disk + 50p p&p

The Charlie Cat series is a long-running selection of animations focusing on a cute cat character's antics. Most of the animations were included on last months CD and with the exception of a few, they require over two (and sometimes three or four) Mb's of RAM. This animation, however, only needs 1.5Mb, but as a result is much smaller.



CHARLIE CAT: The moral of the story is fairly obvious – if you don't eat your food straight away then you're likely to get it nicked.

Without giving too much away the main plot involves Charlie attempting to steal a hot dog. He employs a series of crazy and often hilarious tricks and, although the whole sequence only lasts a few seconds, there are some incredible graphics and animations.

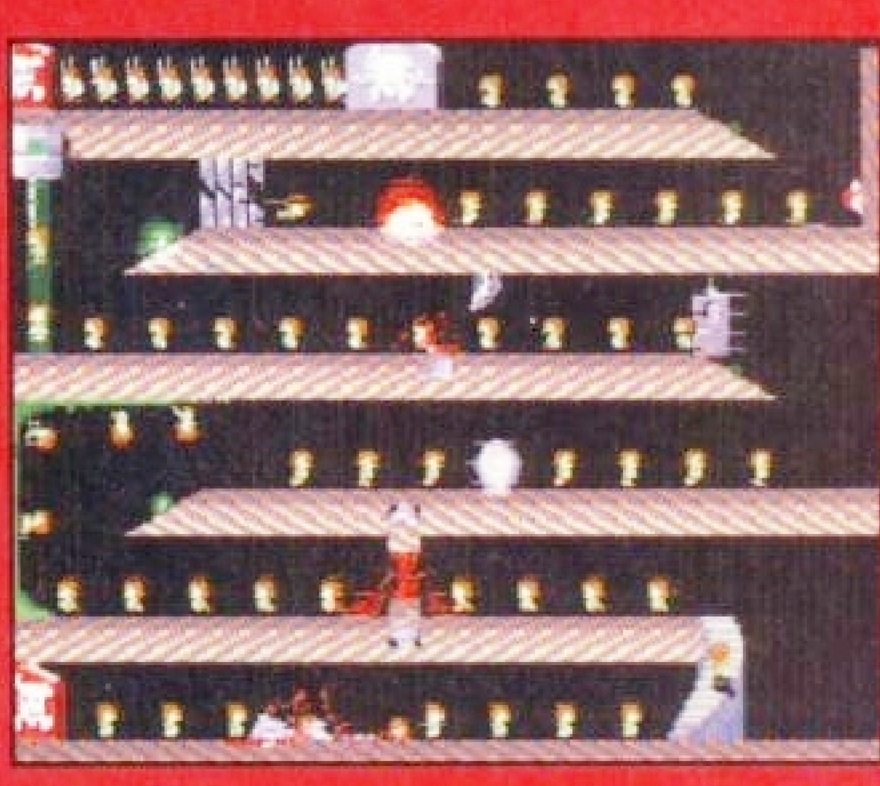


CHARLIE CAT: You won't believe the lengths Charlie's prepared to go to to get a bite of that hot dog.

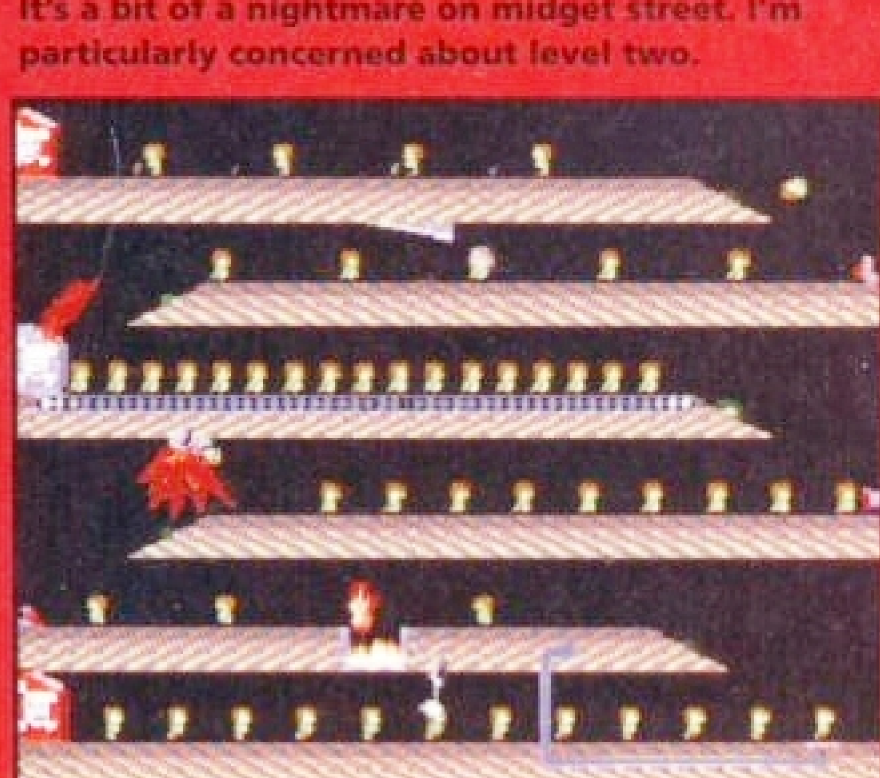
The Moviesetter package from the old Gold Disk company was used to make the animation and unfortunately this means that it is necessary to load all of the parts of the sequence separately at the start

Continued overleaf ➡

PD selection of the month



It's a bit of a nightmare on midget street. I'm particularly concerned about level two.



The fluidity means you can follow little 'midge' through every stage of his horrific journey.

MIDGET MASSACRE

GAME

By ....Tony Murphy
Ware ....Freeware
PD Library............................Any PD library
No of Disks..One
Price...Varies

The author of this selection of animations has classified it as an '18' viewing, but don't expect loads of bad language and graphic sex scenes. Midget Massacre is more of a comedy in a *Lemmings* meets *Evil Dead* type of scenario.

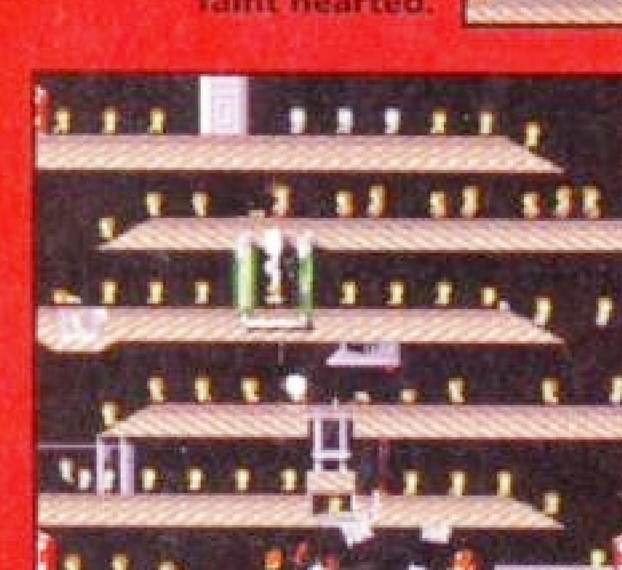
These small animations are particularly good because they all 'flow', which means that the animations are split into blocks on the screen that flow into each other, like using cycling.

In this case it means you can follow a little Lemming type character from one end of the screen to the other, watching the poor little individual being chopped up, drowned, burned and squashed. There are many other tortures that are simply too gruesome to describe.

The movement is very fluent, and the four animations all have very different, but equally horrendous methods of torture.



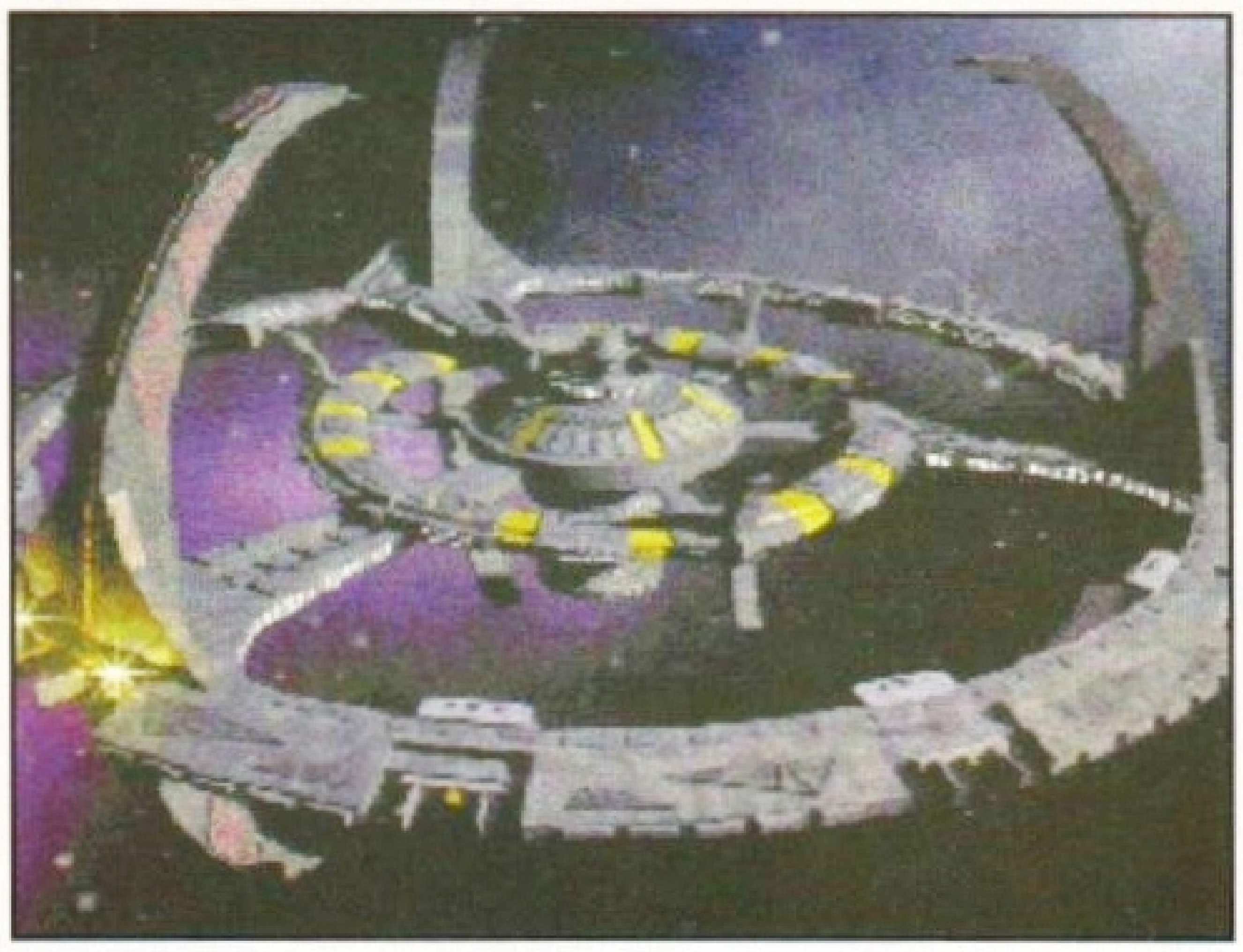
Definitely not for the faint hearted.



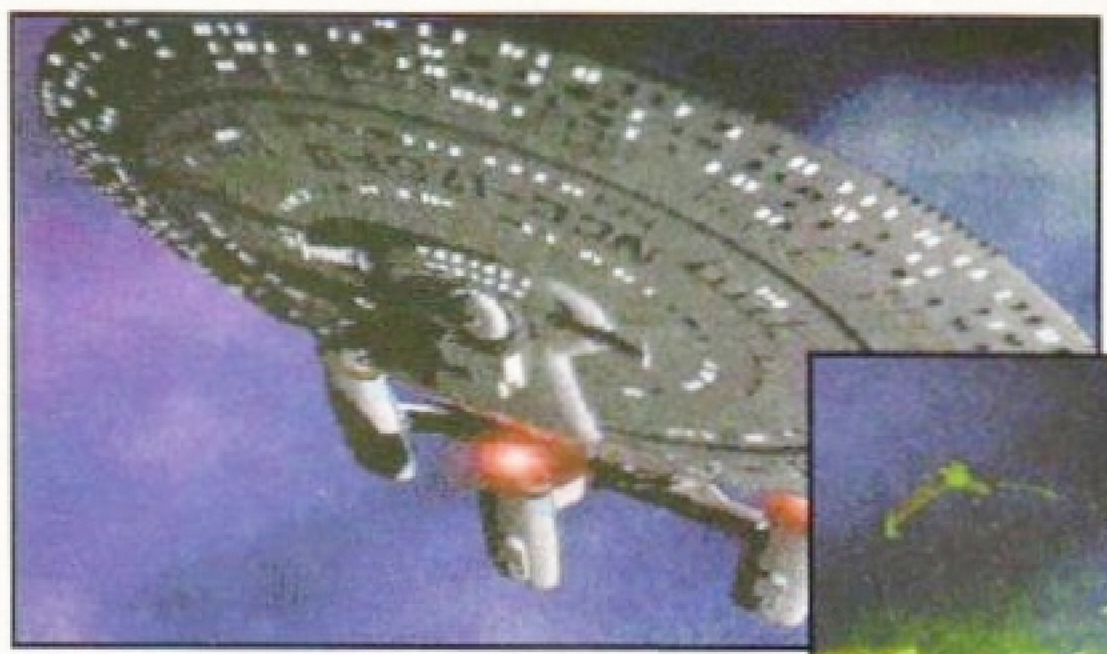
The torture chambers on this level appear to be particularly painful.

Despite their short length this is a disk that can be watched again and again – mainly due to the tremendous amount of detail which means that you can see something different every time.

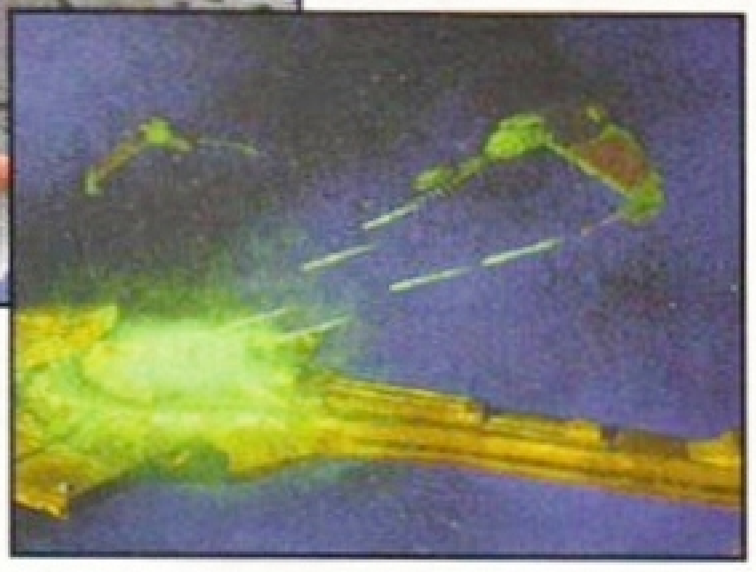
This is a highly recommended disk, that can be viewed by anyone unless you like little cute things, in which case I suggest you go and play with your teddy bear!



HOLODECK 10: **The quality of the rendering is absolutely superb. This should look familiar to Star Trek fans.**



HOLODECK 10: **Left: The Starship Enterprise boldly going where no starship has gone before.**



HOLODECK 10: **Right: You should appreciate the beautiful images even if you're not a fan of the series.**

and this takes rather a long time.

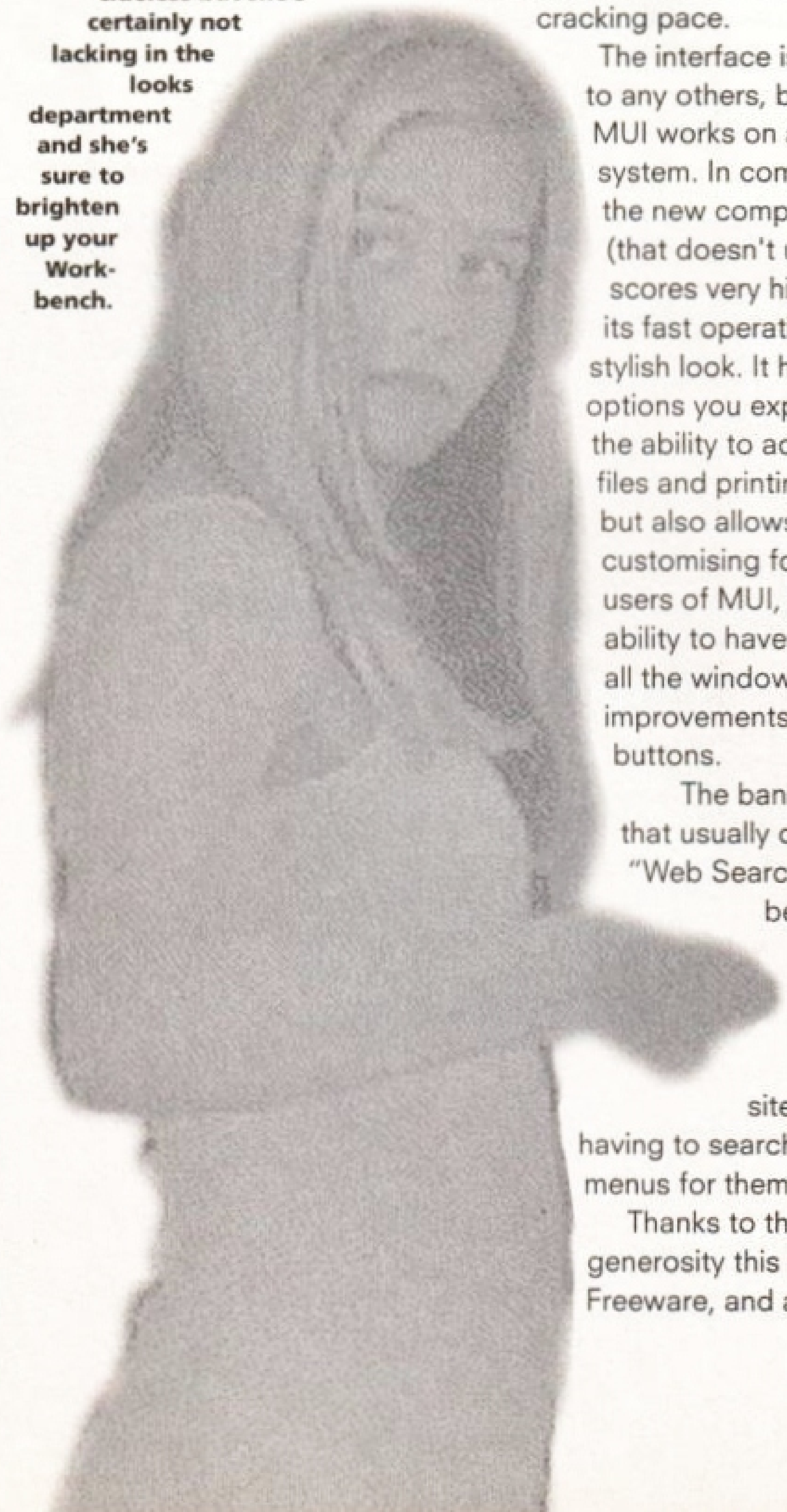
Due to the quality and the comic element the animation should hold some appeal for everyone – not just a younger audience and despite its short length it should be a part of any animation fan's collection. Highly recommended.

VOYAGER V1.0

SOFTWARE

By .... *Oliver Wagner*
Ware .... *Freeware*
PD Library .... *Online PD*
No of Disks .... *One*
Price .... *75p per disk + 75p p&p*

This excellent piece of software is the same web browser that was released in the Surfer Pack. It uses MUI (version 3.3 upwards), as most internet browsers do, and runs at a cracking pace.



FAMOUS LADIES: **She may be clueless but she's certainly not lacking in the looks department and she's sure to brighten up your Workbench.**

The interface is far superior to any others, but thanks to MUI works on a 2Mb system. In comparison to the new competitor, *AWeb* (that doesn't use MUI), it scores very highly due to its fast operating and stylish look. It has all the options you expect, such as the ability to access local files and printing facilities, but also allows full customising for registered users of MUI, including the ability to have patterns in all the windows and improvements on the buttons.

The bank of buttons that usually consists of "Web Search, etc." can be configured, so you can access all your favourite sites without having to search down the menus for them.

Thanks to the author's generosity this program is Freeware, and a gift to the Amiga community, so there are no extra charges (except for people who haven't registered MUI). If you have a modem or want to access local files this is the best browser I have ever come across.

AMICDFS V2.11

SOFTWARE

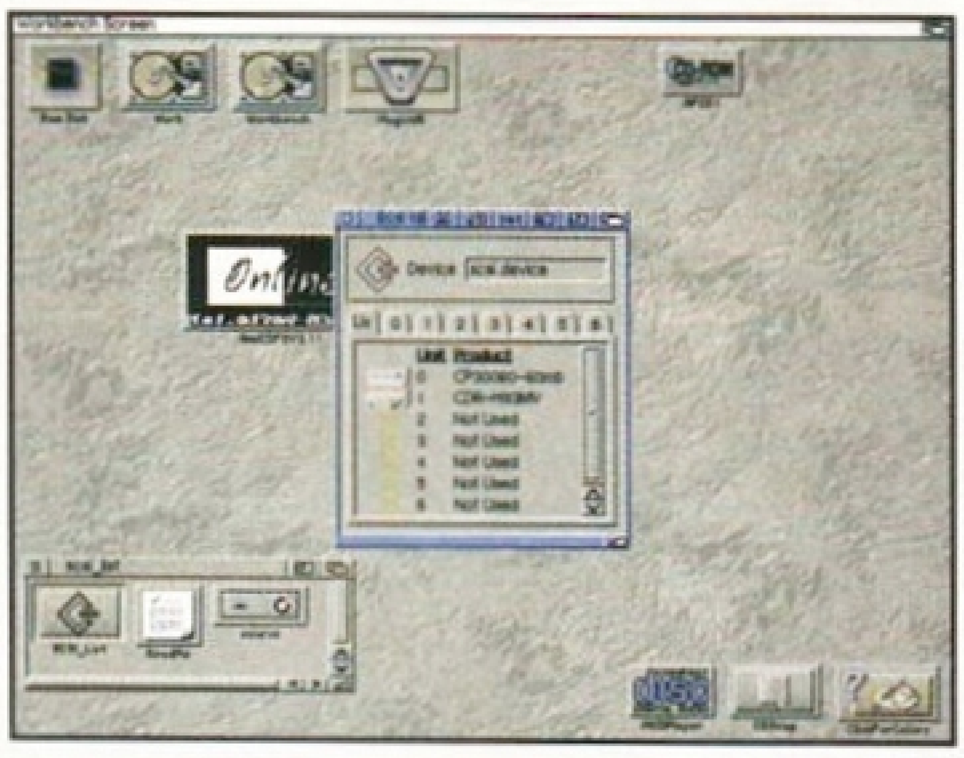
By .... *Martin Berndt*
Ware .... *Freeware*
PD Library .... *Online PD*
No of Disks .... *One*
Price .... *75p per disk + 75p p&p*

The Amiga system of CD-ROM handling is usable, but not really adequate. For example, there is no real facility for playing the audio tracks on CD without the help of PD. programs. It is also quite slow in accessing disks, although some of these problems are rumoured to be fixed in Workbench 3.2.

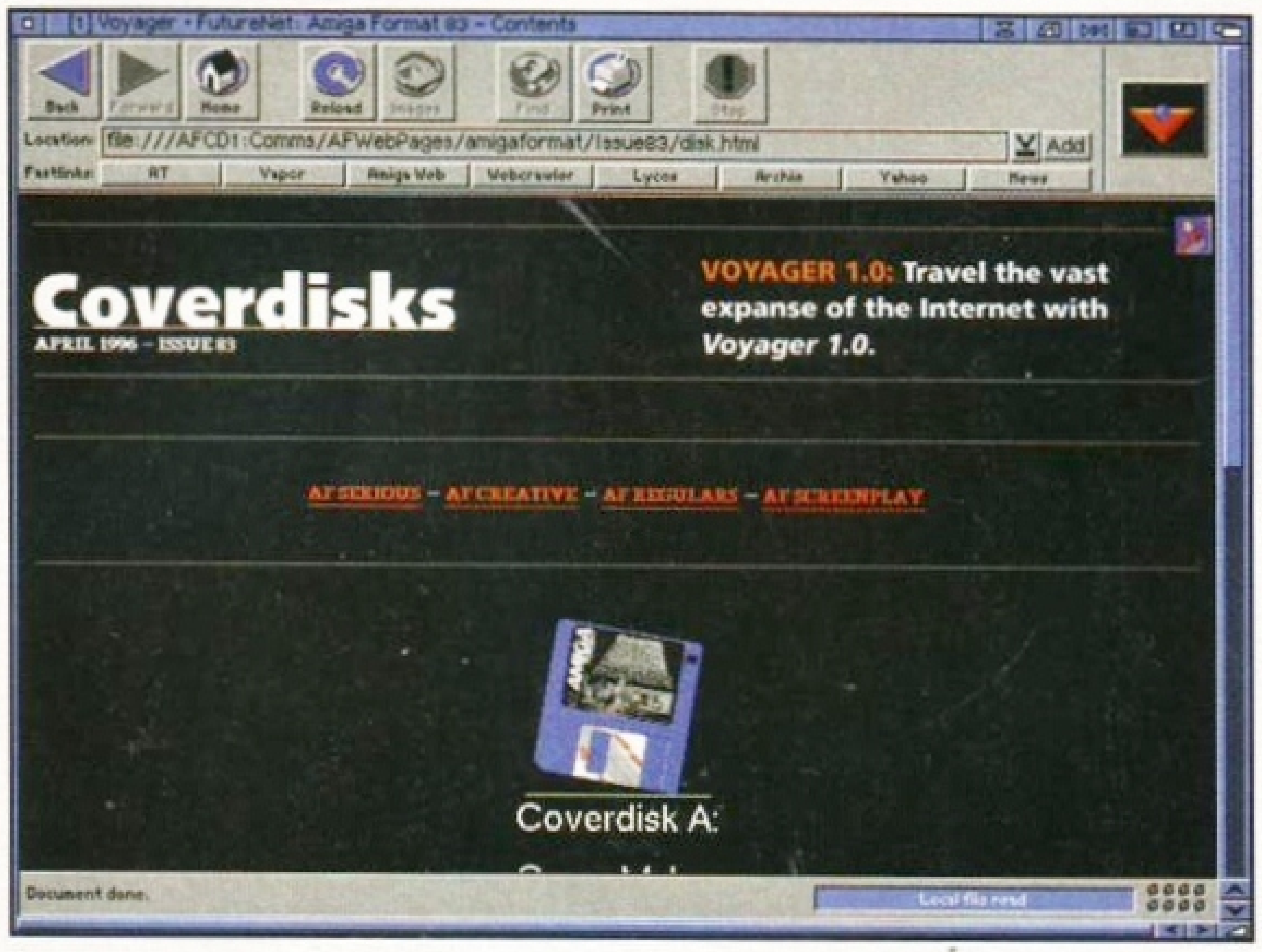
Until the new version of Workbench is released the closest you're going to come to usability is with this excellent release. When you've manually installed the program (as there is no installer) you can instantly see the speed increase and there's also a bit of extra memory missing. I had no problems with the system, and found it made the loading of directories almost as fast as with my hard disk.

When you insert an audio CD an icon appears that plays the CD when you double click on it, and the excellent MCD player is also included for a graphical interface. The system is based on the *AmiCD-ROM* system, and offers bug fixes and increases in speed to that system. Also included on the disk is a patch for *CrossDos* and a program that identifies your SCSI drives.

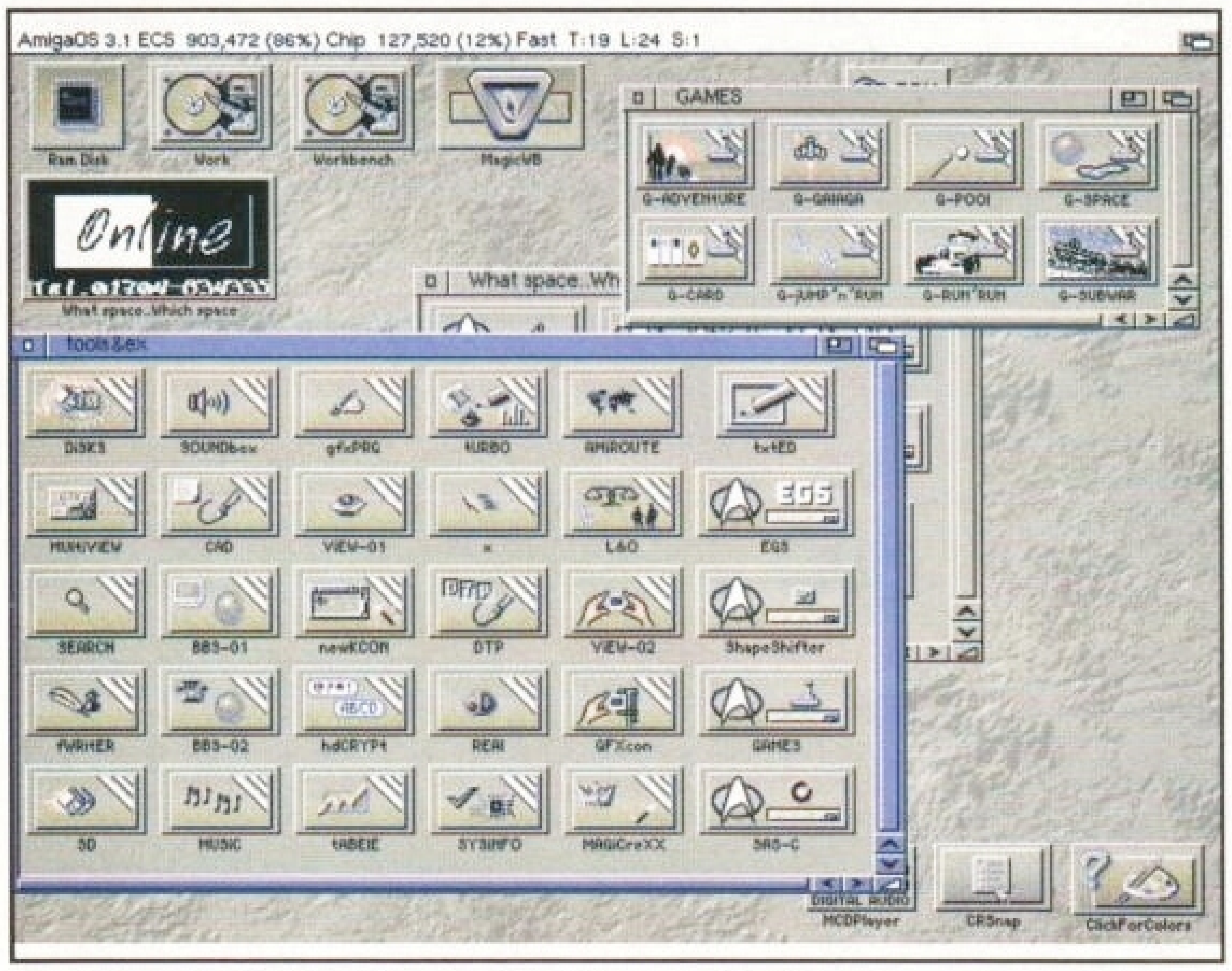
Since the popularity of CDs is increasing so much the advance of the system is a step that must be taken. Thanks to a program such as this CD-ROMs are definitely set to become the storage medium of the



AMICDFS
Right: The latest version of *AmiCDFS* also allows you to identify your SCSI devices.



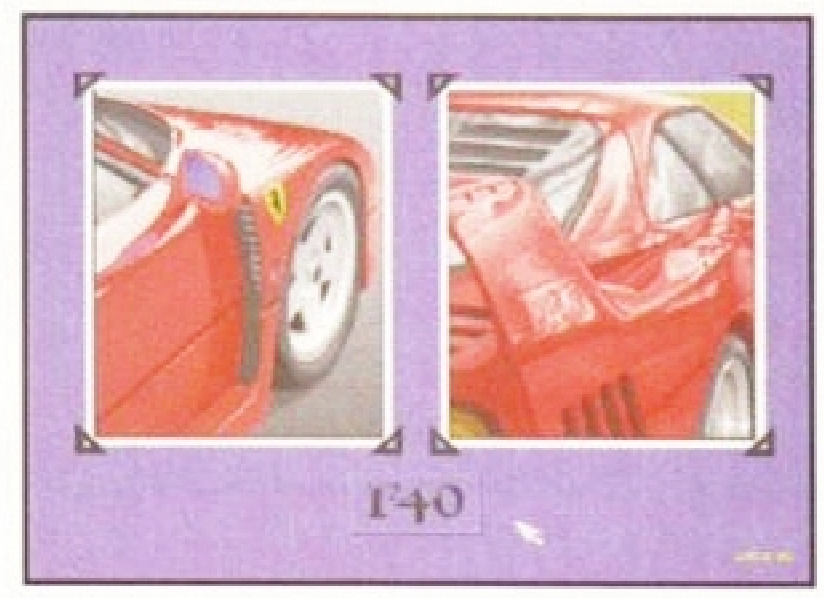
VOYAGER 1.0: **Travel the vast expanse of the Internet with *Voyager 1.0*.**



MAGIC TREK ICON PACK: There are icons for everything here, image drawers, devices, program icons and much more, so make your Workbench a bit more interesting.



SHAD-ART SLIDES: Marvel at the beautiful curves and gleaming red paintwork...



...and if you didn't get a good enough look then here are some close-ups.

future.

HOLODECK 10

SLIDESHOW

By ....*Infinite Frontiers*
Ware ....*Freeware*
PD Library........................*Amigaholics*
No of Disks ....*Two*
Price *£3.00*

This is the tenth in a series of slideshows based on Star Trek. I personally am not much of a Trekkie but I don't dislike the series. The show starts with the loading of a reasonable tune, and then the slides start.

The quality of the rendered images is incredible and each are tremendous action stills. Even people who don't like the series will be amazed at the quality of the rendering. The loader is quite slow but each picture smoothly scrolls on, and you need the time between each to appreciate the picture.

The graphics are not AGA, (although an AGA version is advertised at the end of the slideshow, and will be released soon) but are so good that this is not important, and show that the ECS chipset is still excellent . At the end there is also an advertisement for a convention, for hard core fans. All the credits and adverts are created in the style of the series, using the 'Star Trek: Next Generation' font and colours.

The disk isn't strictly PD, rather it's available exclusively from Amigaholics PD, 236 Chester Road North, Kidderminster, Works, DY10 1TE and costing just £3 (Inc. p&p).

MAGIC TREK ICON PACK

ICONS

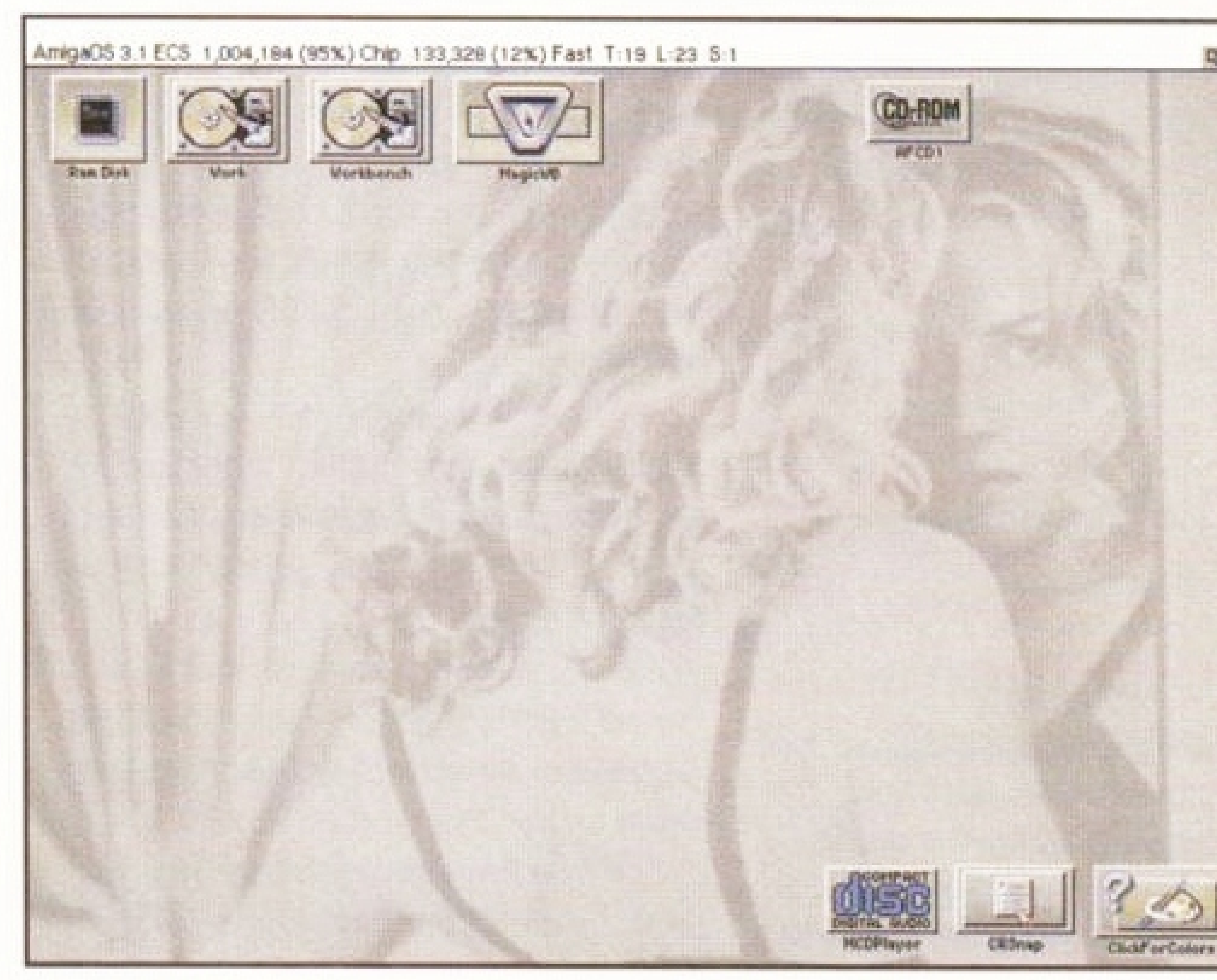
By ....*Marc-Andre Trage*
Ware ....*Freeware*
PD Library..........................*Online PD*
No of Disks...................................*One*
Price................*75p per disk + 75p p&p*

I hated the the *Magic Workbench* system because the colour scheme made the text unreadable but that was until the release of version 2.0 which has now become part of my system. Icon packs based on this system are continuously appearing in the PD and on Aminet, but most simply offer more icons in a similar style to the originals.

This version is different. It's an excellent collection of icons, based on the Star Trek style. Each icon has the logo of the Federation on it (or Klingon) and is very well drawn. The pack includes image drawers, devices, program icons and dock brushes for the *Toolmanager* program. There are icons for Workbench, e.g. prefs and devs etc and also icons for your programs.

This is a great alternative to the standard *Magic Workbench* icons, and can either totally or partly replace them. My only problem was that there was no sign of any decent documentation or an installer, so if you wanted to use the icons you would have to install each one individually but if you want to Trek-up your workbench then this is an excellent selection of icons.

SHAD-ART SLIDES: If you can't afford to buy one then at least you can look at a full 256 colour GIFF of one instead.



FAMOUS LADIES: "But where's the scantily clad men?" asked Andrea.

8 COLOUR MAGIC BACKDROPS:- FAMOUS LADIES

IMAGES

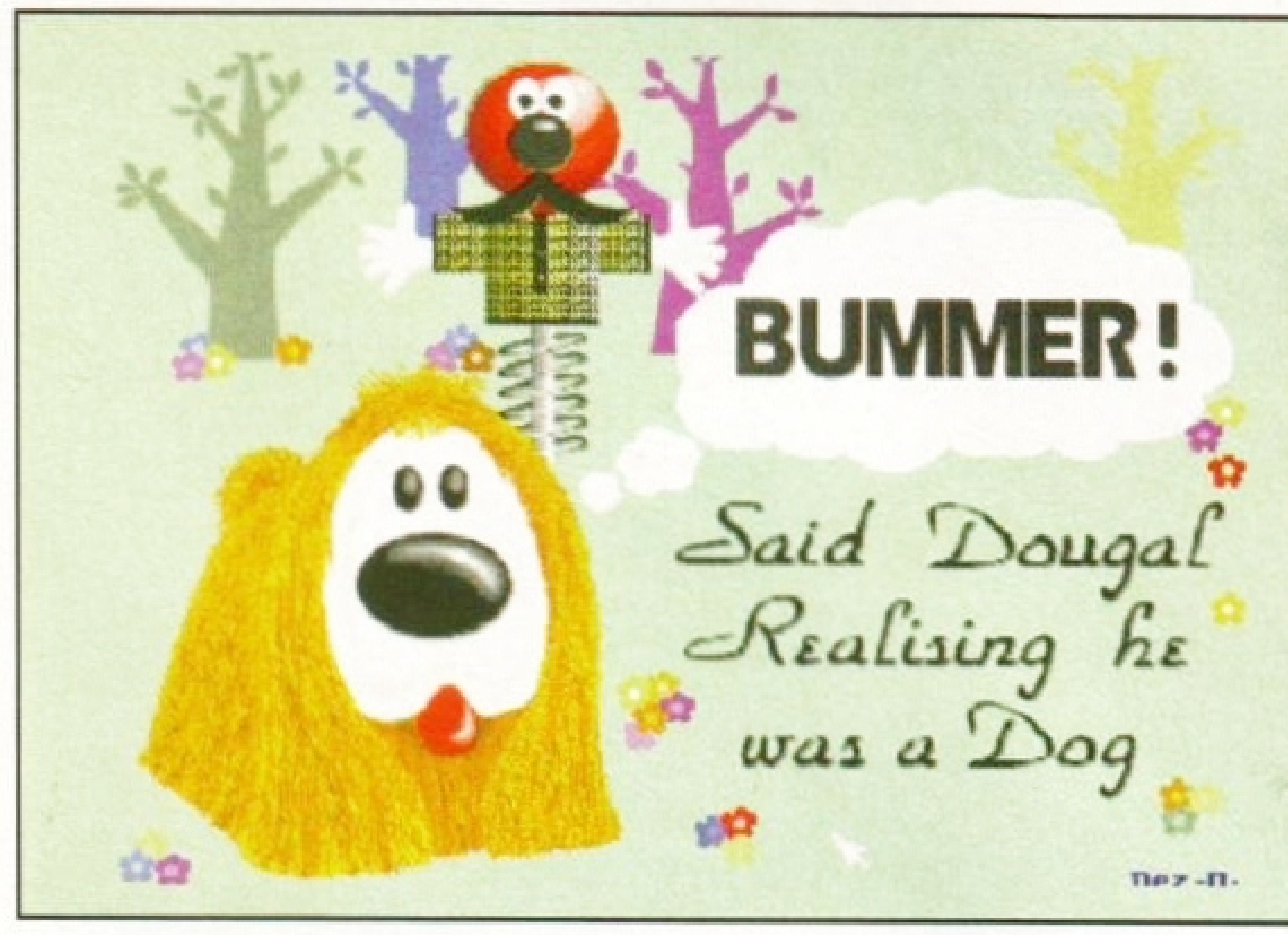
Ware ....*Freeware*
PD Library ....*Online PD*
No of Disks................................
One
Price................*75p per disk + 75p p&p*

Continued overleaf ➡





HOLODECK 10: Infinite Frontiers presents Holodeck 10!



SHAD-ART SLIDES: Well, I suppose it can be a bit of a drag at times.

LAST MONTH:

Rotator from 5th Dimension Licenceware was last month's winner of our PD selection of the month. Unfortunately we failed to mention where to get the game from so if you want a copy of *Rotator* contact:

5TH DIMENSION LICENCEWARE
1 Lower Mill Close
Goldthorpe
Rotherham S63 9BY
☎ 01709 888127

WHERE TO GET THE DISKS IN PD SELECT THIS MONTH

ROBERTA SMITH DTP
190 Falloden Way
Hampstead Garden
Suburb
London NW11 6JE
☎ 0181 455 1626

ONLINE PD
1 The Cloisters
Halsall Lane
Formby, Liverpool
L37 3PX
☎ 01704 834335

AMIGAHOLICS PD
236 Chester Road North
Kidderminster
Yorks
DY10 1TE

Other good PD libraries

⬅ Oh yes! This is just what you want to see (if you're male) when you load up your Workbench: a lovely famous lady staring at you. On this disk you'll find plenty of excellent *Magic Workbench* backdrops all featuring pictures of lovely ladies, including such dazzlers as Alicia Silverstone and Demi Moore.

The quality throughout is very good (especially as they only use eight colours) and another advantage (as if you needed one) is that they use very little memory. If you're a subscriber then a few months ago some backdrops very similar to these appeared on your disk but these are even better than those.

If you have enough memory you could even use these in your MUI applications, and have a lady for each window! Most of the pictures are in good taste, although a couple may be somewhat offensive to the more sensitive user.

The only real problem with the package was the installation system which was very disappointing. The install icon simply unarchives the files to RAM, and the pictures require over 2Mbs. This means that manual installation is required for people with low memory. Surely an installer script which allowed a choice of directory would not have been to much trouble for the compiler?

This is another excellent extension to the workbench that you can use to impress all those boring PeeCee users out there!

SHAD-ART SLIDES #3

SLIDESHOW

By ....*Shad-Art Ltd*
Ware ....*Freeware*
PD Library..........................*Online PD*
No of Disks ....*Three*
Price.......................*£2.25 + 75p p&p*

This is the second quality slideshow to come my way this month but this one consists mainly of pictures drawn from a car magazine (although there are some others.

The quality of the images is one of immaculate detail, that obviously took the artist a great amount of time. The cars are superb, with close-ups and full views. All the images are 256 colour GIFs, and on an AGA machine (or Graphics board) look fantastic, ECS users aren't left out though as the *ViewTek* programme is used and this degrades it to a greyscale image.

The other images are a variety of pictures, all drawn by the author, and they all match the superb quality of the cars.

The loader, unlike the *Holodeck Slideshow*, uses an AmigaDOS script to load each image. This method is functional, but not very smooth. However, this is only a very small moan and shouldn't by any means stop you going out and buying this set of pictures.

This slideshow is a perfect illustration of the fact that hand drawn art can still be as good as rendered art. It also proves that the Amiga is still the most useful tool for serious artists. This selection is essential for all fans of art, cars and cartoons (and that should cover just about everyone I think?).



SHAD-ART SLIDES: It's not all pictures of cars and there doesn't seem to be an obvious link but it's very nice anyway.

TOP 10 PUBLIC DOMAIN TITLES

Top 10 courtesy of:

MICROGEAR SOFTWARE
23 The Sycamores
Horbury Junction
Wakefield WF4 5QG

1. Relokick v1.4a
2. Edword Professional v5.00
3. Blackboard Graphics Manipulator
4. UFO Enemy Unclothed
5. ZXAM Spectrum Emulator AGA
6. Big 100 Games Pack
7. Aliens Paranormal 2 - Hidden Facts
8. Star Trek: TNG Game
9. Disk Salv v2.31
10. Texas Chainsaw Massacre

HOLODECK 10: The loader may be slow but you need the time to fully take-in the splendour of the images.





MAXELL DISKS AT BULK PRICES

GREY-TRONICS LTD

LOWEST PRICES · BEST SERVICE · RAPID DELIVERY

SALES FREE CALL 0500 737 800

OTHER ENQUIRIES 0181 686 9973 / 0181 781 1551

3·5" DISKS

100% CERTIFIED ERROR FREE DISKS & LOCKABLE BOXES

	MAXELL DS/DD	DS/HD		
10 3.5" DISKS	£4.75	£5·99	+ 10 SEE-THROUGH BOX	ADD £1·00
30 3.5" DISKS	£10·99	£9·99	+ 100 CAP LOCKABLE BOX	ADD £4·00
50 3.5" DISKS	£16·99	£17·99	+ 100 CAP LOCKABLE BOX	ADD £4·00
100 3.5" DISKS	£28·99	£28·99	+ 100 CAP LOCKABLE BOX	ADD £4·00
150 3.5" DISKS	£39·99	£41·99	+ 2 X 100 LOCKABLE BOX	ADD £8·00
200 3.5" DISKS	£51·99	£51·99	+ 2 X 100 LOCKABLE BOX	ADD £8·00
500 3.5" DISKS	£123·99	£126·99	+ 5 X 100 LOCKABLE BOX	ADD £17·50
1000 3.5" DISKS	£239·99	£239·99	+ 10 X 100 LOCKABLE BOX	ADD £30·00

FREE LABELS & FREE DELIVERY BY PARCEL FORCE

AMIGA A1200 PACKS

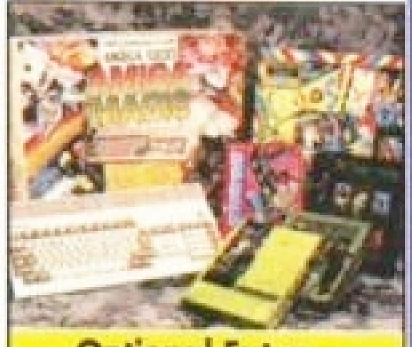
MAGIC PACK includes:
- **Amiga A1200 Computer** – 2Mb RAM • **3·5" Floppy Disk Drive Built-In**
- **Wordworth v4 SE** – Word Processor • **Digita Datastore v1·1** – Database
- **Digita Organiser c1·1** – Personal Organiser • **Turbo Calc v3·6** – Spreadsheet
- **Personal Paint v6·4** – Paint Package • **Photogenics v1·2** – Pixel Editing
- **Whizz** – 3D Platform Game • **Pinball Mania** – Pinball Arcade Game

STANDARD PACK 2MB - NO HD £369·99 Inc VAT

170MB HARD DRIVE PACK £469·99 Inc VAT

STARTER PACK: Top quality joystick, A1200 dustcover, Deluxe mouse mat, Disk head cleaner, 10 disks **ONLY £15·00**

NEW A1200 SURFER PACK
Includes 260Mb Hard Drive + 14,400 External Modem. Comes with Magic Pack Software but pre-installed on HD. SHOULD BE BACKED BY USER AS NO ORIGINALS ARE SUPPLIED. **£545**



Optional Extra... CHAOS SOFTWARE PACK
Includes Chaos Engine, Syndicate, Pinball Fantasies, Nick Faldo's Golf.
As long as stocks last When purchased with A1200 **£12**

RAM UPGRADES & ACCELERATORS

APOLLO 1220 28MHz 68020 6882 ..... £99·99
A1200 4Mb RAM ..... £109·99
A1200 8Mb RAM ..... £169·99
33MHz PLCC FPU add £2 p&p ..... £35·00

APOLLO A1200 ACCELERATOR

Apollo 1220 28MHz 68020 4Mb £175.00
Magnum 030/40/0 FPU 0Mb ..... £139·99
Magnum 030/40/0 FPU 4Mb ..... £219·99
Magnum 030/40/0 FPU 8Mb ..... £289·99

A500/500 +/600 UPGRADES (inc clock)

A500 up to 1Mb (512K) ..... £24·99
A500+ up to 2Mb (1Mb) ..... £28·99
A600 up to 2Mb (1Mb) ..... £39·99

AMIGA 4000 TOWER

A4000T 040 25MHz	£2099	£2231
A4000T 060 50MHz	£2359	£2525

SPECIFICATIONS: A4000 Tower, 6Mb Memory, 1·7Mb Floppy Drive, 1·2 Gig SCSI Drive, Scala 300 Pre-Installed.

CALL FOR ACCESSORIES

ACCESSORIES

AMIGA CABLES
Amiga to TV Scart ..... £10·99
Amiga to Sony TV ..... £10·99
Amiga to Amiga (Parnet/Null modem) ..... £10·99
Modulator overhang lead 23M/23F ..... £11·99
Joystick Splitters ..... £5·99
Automatic Mouse/Joystick cable ..... £13·99
Joystick Extension Lead 10ft ..... £5·99
Printer Lead ..... £4·00

DUST COVERS
Amiga 1200/500/500P/600 ..... £4·00
Commodore/Philips monitors ..... £4·00
Star/Citizen/Panasonic Printers ..... £4·00

ACCESSORIES
Amiga Disk Drive Free Direc Opus 4·12 ..... £39·99
Amitek 1·76HD Disk Drive ..... £86·99
Amiga Mouse (top quality) ..... £11·50
Internal Drives A500/A500+/A600/A1200 ..... £34/£44
TV Modulator (2yr warranty) ..... £34·00
Deluxe Mouse Mat ..... £1·99
1000 labels ..... £8·99
3·5" Disk head cleaner ..... £1·99
Python 1M Joystick ..... £8·75

ADD £2 FOR DELIVERY

HARD DRIVES & CD-ROM DRIVES

INTERNAL 2·5" + CABLE + SOFTWARE

80Mb 2·5"	£69·99	250Mb	£127·99
120Mb 2·5"	£88·00	340Mb	£148·00
170Mb 2·5"	£109.00	510Mb	£200·00

INTERNAL 3·5" + SITTING KIT + S/WARE
Robust steel bracket system to replace the 2·5" cradle inside the A1200 • Both IDE and power cable are provided • Opus 4·12 free, ideal to manage your hard disk • 7 disks full of essential software • NO MORE CASE MODIFICATION & MESSING AROUND

850Mb + full kit £199.99
1·2Gb + full kit £219.99

CD-ROM DRIVES

Amiga 1241 Q-Drive: Quad Speed Ext for A1200 via PCMCIA £194.99

INK CARTRIDGES & REFILLS

HP DeskJet 500/500C/560C Black ..... £22·99
HP DeskJet Black Refill ..... £7·99
HP DeskJet 600/660C Black ..... £22·99
HP DeskJet 500C/560C/600/660C Colour ..... £25·99
Canon BJ 10/200 Black ..... £16·99
Canon BJ 10/200 Black Ink Refill ..... £7·99
Citizen Project IIC Colour ..... £34·00
Citizen Project IIC Mono ..... £20·50
Add £2·00 Post & Packing

NEW PRINTERS

PANASONIC 2135
24 PIN COLOUR



£159·99
All printers free lead & delivery

DOT MATRIX 24 PIN COLOUR
PANASONIC 2135 colour inc. sheet feeder £159.99
Citizen ABC colour ..... £139·99
Add £15 for black ribbon (dot matrix only) dust cover, printer stand, 500 A4 paper when purchased with printer.

INKJET - DESKTOP & PORTABLE
Hewlett Packard 600 mono ..... £185·95
Hewlett Packard 600 colour ..... £210·00
Hewlett Packard 660 colour ..... £291·00
Hewlett Packard 850 colour ..... £414·99
Canon BJ30 mono inc. sheet feed ..... £169·99
Canon BJC70 colour inc. sheet feed ..... £239·99
Canon BJC210 colour - Offer ends Aug '96 ..... £199·00
Canon BJC4100 colour ..... £274·99
Canon BJ610E colour ..... £412·99
Citizen Printiva 600 colour ..... New £389·99
Epson Stylus Colour II ..... £314·99
Epson Stylus Colour IIS ..... £209·99

GENLOCKS

FUSION VIDEO GENLOCK
It is a high specification video genlock that is ideal for both the first time user (for adding titles, graphics & effects to home movies) and the semi professional user (wedding videos, corporate presentations...)
FREE Scala HJ100 (enables you to add special effects and overlay text on to your video) **£98**

PRINTER RIBBONS

BLACK
Amstrad DMP2000/3000 ..... £3·00
Amstrad DMP4000 ..... £3·66
Amstrad PCW 8256/8512/LQ3500 ..... £3·00
Amstrad 9512 ..... £3·50
Citizen 120D/ LSP10/Swift24/9 ..... £2·85
Epson LQ 100 ..... £4·10
Epson LX80/86/90 ..... £2·50
Epson LQ400/500/800/850 ..... £3·45
Epson FX/MX/RX80/LX800 ..... £3·45
NEC Pinwriter P2200 ..... £3·50
Seikosha SP 1200/1600/2000 ..... £4·00
Panasonic KXP1123/1124/1180 ..... £3·30
Panasonic 2135 ..... £8·25
Panasonic KXP2123/2180 ..... £4·00
Star LC10/20/100 ..... £2·90
Star LC200 ..... £3·50
Star LC2410/24200 ..... £3·00

COLOUR
Citizen Swift 24 ..... £12·99
Panasonic 2135/2123/2180 ..... £13·99
Star LC10/20/100 ..... £7·00
Star LC200 ..... £12·30
Star LC2410/24200 ..... £12·50
ADD £2·00 P&P

AMIGA CD32

CD32 Machine Pack
7 Games Pack ..... only £174·99
SX1 Modular Expansion ..... £189·99
Keyboard for CD32 (Require SX1) ..... £37·99
Disk Drive for CD32 ..... £42·99
CD32 to Amiga 1200 inc. software ..... £29·99
CD32 to Scart ..... £11·99
Competition Pro Pad ..... £15·99
ADD £2 P&P FOR ACCESSORIES

FAX / MODEM

	Modem only	inc GP Fax s/w
Viper 14.4k int	£74.99	£114·99
Viper 14.4k ext	£99·99	£139·99
Viper 28.8k ext	£149·99	£189·99
Viper 28.8k int	£159·99	£199·99

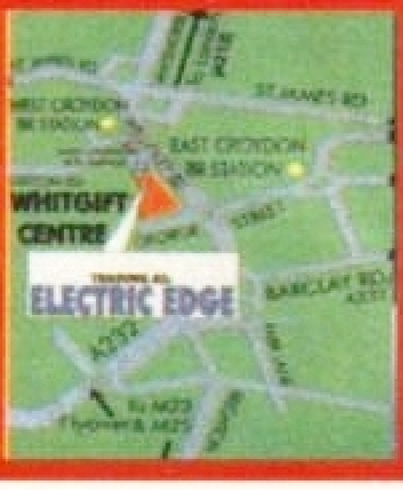
MONITORS



Amiga M 1438S ..... £287·99
Microvitec 1438 +Speakers ..... £274·99
Samsung 14" only D Pal Mode ..... £219·00
Hitachi or Panasonic Monitor/TV ..... £174·99

U.K. & INTERNATIONAL DELIVERY SERVICES - BFPO ORDERS WELCOME + SURCHARGE!

LAND · AIR · SEA



ALL PRICES INCLUDE VAT & DELIVERY (unless otherwise stated). Delivery within 3 days (UK MAINLAND ONLY).
ADD £10·00 FOR NEXT DAY DELIVERY CALL OR SEND CHEQUES/POSTAL ORDERS TO:

GREY-TRONICS LTD, UNIT 1015 WHITGIFT CENTRE, CROYDON, SURREY CRO 1UU

SALES HELPLINE: 0181 686 9973 Mail order prices only FAX: 0181 686 9974

All offers subject to availability. E&OE. Prices/Pack details may change without notice. Please allow 6 working days for cheques to clear

Mon-Sat 9am-6pm Thurs until 8pm Sunday 11am-5pm

Visage
—Computers—

Tel: (0115) 9444500   Fax: (0115) 444501

25 Bath Street,
Ilkeston,
Derbyshire,
DE7 BAH

STORAGE

HARD DRIVES

WESTERN DIGITAL



635Mb	£Call
850Mb	£149.99
1GIG	£169.99
1.2GIG	£184.99
1.6GIG	£219.99
2GIG	£279.99

Seagate



635Mb	£Call
850Mb	£149.99
1GIG	£164.99
1.2GIG	£179.99
2GIG	£249.99

ALL 3.5" IDE HARD DRIVES REQUIRE AN ADAPTOR CABLE WHEN FITTED INTO AN A600/A1200 (£15.00 WHEN PURCHASED WITH A DRIVE, £19.99 WHEN PURCHASED SEPARATELY).

PRICE WATCH — IF YOU HAVE FOUND A CHEAPER PRICE ELSEWHERE IN THE MAGAZINE, CALL US AND WE WILL DO OUR BEST TO BEAT IT.

A500 ALFAPOWER



540Mb	£219.99
850Mb	£239.99
1GIG	£254.99
1.2GIG	£279.99

Externally cased hard drives for the A500/500+. Can be populated with up to 8Mb of RAM (72pin SIMMS).

WAIT!

When you first receive your hard drive we think the last thing you want to do is to have to re-format it. All our drives are set up CORRECTLY. We can even configure the drive to your specifications.

- Drives are formatted & installed with WorkBench.
- OVER 150Mb of top quality Public Domain software including: Compugraphic fonts & clipart, Imagine objects, top demos & music modules, essential utilities, games and lots more!!!

IBM/HITACHI 2.5" IDE

80Mb	£CALL	540Mb	£199.99
170Mb	£CALL	850Mb	£239.99
256Mb	£119.99	1GIG	£349.99
340Mb	£149.99	1.2GIG	£399.99

Quantum



635Mb	£Call
850Mb	£149.99
1GIG	£164.99
1.2GIG	£179.99
1.7GIG	£209.99
2.5GIG	£299.99

MEMORY

72pin 70NS		72pin 60NS	
4Mb	£34.99	4Mb	£39.99
8Mb	£69.99	8Mb	£79.99
16Mb	£139.99	16Mb	£149.99
32Mb	£279.99	32Mb	£299.99

Please call for latest prices, as memory prices can change daily.

A1200 RAM CARDS

A1200 0Mb	£49.99
A1200 4Mb	£84.99
A1200 8Mb	£119.99

APOLLO ACCELERATORS

APOLLO 1240/1260

The new Apollo 1240 features a fan cooled super-fast 68040 running at 25MHz (the 1260 uses the 68060 running at 50MHz),in-built FPU, battery-backed clock and 1 x 72pin SIMM socket. Making it one of the best value accelerator cards available.

1240/25 0Mb	£299.99	1260/50 0Mb	£549.99
1240/25 4Mb	£334.99	1260/50 4Mb	£584.99
1240/25 8Mb	£369.99	1260/50 8Mb	£619.99
1240/25 16Mb	£429.99	1260/50 16Mb	£689.99
1240/25 32Mb	£579.99	1260/50 32Mb	£829.99

APOLLO 1220

The 1220 combines the best Price/Performance ratio for any Amiga 1200 accelerator. With a 68020/25MHz and 25MHz 68882 FPU, 1 x 72pin SIMM socket (1 or 4Mb). Real-time battery-backed clock.

1220 0Mb	£99.99
1220 4Mb	£134.99

APOLLO 4040

The Apollo A4000 Accelerator fits into the CPU slot of the A4000 (A3000/T). Comes in 40MHz 68040 & 50MHz 68060 versions, 4 x 72pin SIMM sockets (2 x 72pin SIMM for A3000 Desktop) & SCSI-2 controller.

4040/40MHz	£599.99
4060/50MHz	£699.99

Also available: APOLLO 2030 for A1500/A2000
APOLLO 620 for A600



Microvitec 1438 Multisync Monitor Including cables and 25watt Stereo speakers

£289.99

CALL (0115) 9444500 OR (0115) 9444501 TO PLACE YOUR ORDER

HOW TO ORDER

BY POST – Please make cheques and postal orders payable to *'Visage Computers'*. Please allow 5 working days for cheques to clear.

WE ACCEPT ALL MAJOR CREDIT CARDS INCLUDING SWITCH, VISA & DELTA

BY PHONE Credit/Debit card orders taken from 9.30am – 5.30pm Monday to Saturday

DELIVERY CHARGES
NEXT DAY – £6.95
STANDARD – £3.95

AMIGA CD32 + 9 GAMES 119.99



A1200 BASED CD CONSOLE WITH JOYPAD, LIBERATION, CANNON FODDER, ULTIMATE BODY BLOWS, PROJECT X, OSCAR & DIGGERS, CHAOS ENGINE, FIELDS OF GLORY, SPEEDBALL 2

SAVE £169



DYNAMICS COMPETITION PRO JOYPAD FOR CD32 OR AMIGA ...16.99
AUTOFIRE AND TURBOFIRE

SCART LEAD - CD32 TO SCART TV 10.99

AMIGA A1200 2/0 MAGIC PACK + 11 FREE TITLES ...399.99



WITH 11 FREE GAMES PLUS DELUXE PAINT IV, PRINT MANAGER & 2 MB RAM

AMIGA A1200 2/170 SCALA PACK + 11 FREE TITLES 499.99

WITH 11 FREE GAMES PLUS DELUXE PAINT IV, PRINT MANAGER, 2 MB RAM AND BUILT-IN 170MB HARD DRIVE

Amiga Software

(512K) = WILL WORK ON 512K MACHINES
(HDR) = HARD DRIVE REQUIRED
• = NEW ITEM

Amiga A500 & Compatible

	PRICE	SAVE
ALIEN BREED - TOWER ASSAULT (512K)	8.99	£11
ARCADE POOL	9.49	
B17 FLYING FORTRESS	10.99	£6
BIG 100 (100 SHAREWARE GAMES)	9.99	
BLACK CRYPT	11.99	£1
CANNON FODDER	13.49	£1
CENTERFOLD SQUARES	4.99	
CHAMPIONSHIP MANAGER 2	21.49	£8
CHAOS ENGINE (512K)	7.99	£18
CHAOS ENGINE 2	23.49	£6
CLASSIC COLLECTION - DELPHINE FLASHBACK, CRUISE FOR A CORPSE, ANOTHER WORLD, OPERATION STEALTH, FUTURE WARS	**18.99**	£6
CLUB FOOTBALL - THE MANAGER	5.99	£24
COLONIZATION	13.99	£21
COLOSSUS CHESS X (NO12)	4.99	
COVER GIRL STRIP POKER	11.49	£3
CRICKET CAPTAIN (NOP)	4.99	
DAILY DOUBLE HORSE RACING	4.99	
DELUXE PAINT 3	6.99	£73
DESERT STRIKE	11.49	£1
DUNE	11.49	£3
DUNE 2 - BATTLE FOR ARRAKIS	13.99	£1
ELITE (512K)	4.49	£20
F117A STEALTH FIGHTER 2.0	13.49	£3
FIELDS OF GLORY	10.99	£6
FIFA INTERNATIONAL SOCCER	16.99	£18
FLIGHT OF THE AMAZON QUEEN	23.49	£6
FOOTBALL DIRECTOR 2	4.99	
FOOTBALL DIRECTOR 3	21.49	£8
FORMULA 1 - WORLD CHAMPIONSHIP EDITION (512K)	12.99	£17
FORMULA 1 GRAND PRIX (512K)	9.99	£7
GRAHAM GOOCH WORLD CLASS CRICKET	11.99	£18
GUNSHIP 2000	10.99	£6
HELP! COMPILATION SENSIBLE SOCCER, DESERT STRIKE, PUSH OVER, ROAD RASH, COOL SPOT & HUMANS	**16.99**	£18
INDIANA JONES FATE OF ATLANTIS ADVENTURE	13.99	£3
JINXTER (512K)	3.99	£20
JURASSIC PARK	13.49	£1
K240 (UTOPIA 2) (UNBOXED)	5.99	£24
KINGPIN	7.99	£5
LEMMINGS	4.99	£5
LOMBARD RAC RALLY (512K)	6.99	£1
LORDS OF THE REALM	22.49	£12
NICK FALDO'S GOLF (512K)	5.99	£29
NIGEL MANSELL'S GRAND PRIX	5.99	£4
ODYSSEY	20.99	£5
ON THE BALL - WORLD CUP EDITION	9.99	£20
PGA TOUR GOLF (512K)	12.49	£2
PINBALL PRELUDE	21.99	£13
POPULOUS & PROMISED LANDS (512K) (NO12)	**10.99**	£2
POWERMONGER + WW1 DATA DISK (512K)	11.49	£3
PREMIER MANAGER 3 + ED	20.99	£9
PRIMAL RAGE •	22.99	£7
REACH FOR THE SKIES (512K)	11.99	£3
RESERVED COLLECTION VOL 1 ROME AD92, MYTH, EPIC (HDR)	5.99	£9
RUGBY COACH	4.99	
SECRET OF MONKEY ISLAND	14.99	£2
SECRET OF MONKEY ISLAND 2	14.99	£2
SENSIBLE GOLF	20.99	£9
SENSIBLE WORLD OF SOCCER - EURO CHAMP EDITION	19.99	
SENSIBLE WORLD OF SOCCER 96	19.99	£10
SHADOW FIGHTER	7.99	£5
SIMON THE SORCERER	14.99	£20
SLEEPWALKER (512K)	8.99	£1
SPACE QUEST 4	13.49	£3
STEVE DAVIS WORLD SNOOKER	4.99	
STRIKER MANAGER	4.99	
SUPER SKID MARKS 2	14.99	£15
SYNDICATE	13.99	£1
THEME PARK	16.99	£18
TOTAL FOOTBALL	22.99	£7
TOURING CAR CHALLENGE •	11.99	£1
TRIVIAL PURSUIT (HDR)	3.99	£6
UFO - ENEMY UNKNOWN	11.99	£1
ULTIMATE SOCCER MANAGER	19.99	£10
VITAL LIGHT	4.99	£25
WEMBLEY - RUGBY LEAGUE	11.99	£14
WINTER OLYMPICS	9.99	£23
WORDWORTH V1.2 SE	17.99	£32
WORLD CUP YEAR 94 GOAL, CHAMPIONSHIP MGR 94 + DATA DISK, STRIKER, SENSIBLE SOCCER	**12.99**	£17
WORMS	17.99	£8
WORMS REINFORCEMENTS DATA DISK	14.99	£5
ZEEWOLF	13.99	£16
ZEEWOLF 2	23.99	£11

A1200 Software

	PRICE	SAVE
ALIEN BREED 3D	14.99	£15
ALIEN BREED 3D 2 - KILLING GROUNDS •	22.99	£7
ATROPHY •	19.99	£10
CIVILISATION AGA (UNBOXED)	12.99	£17
COLONIZATION	13.99	£21
CORE COMPILATION VOL 1 BANSHEE, SKELETON KREW, HEIMDALL 2	**17.99**	£12
DUNGEON MASTER 2 (HDR)	21.99	£13
GLOOM DELUXE	20.99	£9
KICK OFF 96 •	18.99	£6
KINGPIN	7.99	£5
ON THE BALL (HDR) - LEAGUE EDITION	7.99	£25
- WORLD CUP EDITION	7.99	£25
PINBALL PRELUDE	21.99	£13
PIRANHA •	15.99	£4
POLE POSITION	20.99	£9
PRINT & DESIGN PACK EXCELLENT VALUE PACK FEATURING WORDWORTH 2.0 AGA, & DELUXE PAINT 4 AGA	**9.99**	£50
SIM CITY 2000 (HDR, 5MB RAM)	12.49	£17
SLAM TILT	19.49	£10
SPERIS LEGACY	18.99	£7
THEME PARK	22.99	£12
UFO - ENEMY UNKNOWN	14.99	£20
VIRTUAL KARTING •	12.99	£2
WATCHTOWER •	17.99	£8

CD32 Games

	PRICE	SAVE
ALIEN BREED - T/ASSAULT	19.99	£10
ALIEN BREED 3D	14.99	£15
ARCADE POOL	9.99	£5
CORE COMPILATION VOL 2 BANSHEE, SKELETON KREW, HEIMDALL 2, UNIVERSE	**19.99**	£15
EVOLUTION	20.99	£9
EXILE •	19.99	£10
GLOOM	14.99	£15
KINGPIN	9.99	£5
OSCAR & DIGGERS	2.99	£12
ROAD KILL	10.99	£4
SIMON THE SORCERER	14.99	£25
SPEEDBALL 2	6.99	£8
SPERIS LEGACY	12.99	£13
STAR CRUSADER (KEYBOARD REQUIRED)	14.99	£15
SYNDICATE	29.99	£5
ULTIMATE BODY BLOWS BODY BLOWS & GALACTIC	**9.99**	£20
WORMS	18.49	£11
ZOOL 2	9.99	£20

AMIGA RAM SHOCK !!!!!

1 MB A500+ RAM + CLOCK	29.99
1 MB A600 RAM + CLOCK	39.99
4 MB RAM BOARD FOR A1200 + CLOCK	99.99
4 MB + FPU RAM BOARD FOR A1200 + CLOCK & FAST 33 MHZ FPU	169.99
8 MB RAM BOARD FOR A1200 + CLOCK	149.99
8 MB + FPU RAM BOARD FOR A1200 + CLOCK & FAST 33 MHZ FPU	199.99
4 MB (SIMM CHIP) RAM FOR A4000	34.99
8 MB (SIMM CHIP) RAM FOR A4000	69.99
16 MB (SIMM CHIP) RAM FOR A4000	69.99

SIMM MEMORY 72 PIN, 70Ns, 32 BIT ALSO SUITABLE FOR MOST PC's

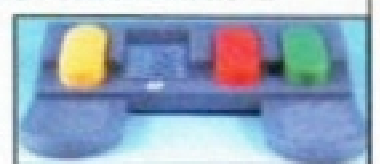
FREE

WHEN YOU BUY ANY ITEM AT THE SAME TIME AS JOINING OR RENEWING FOR ONE YEAR OR MORE

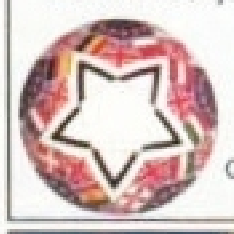


THREE AMIGA GAMES FREE
Skidmarks, Steve Davis Snooker and Football Director 2

OR



QUICKJOY FOOTPEDAL
for use with most car racing games. Works in conjunction with joystick



OR EURO 96 FOOTBALL
72 panel, PVC, stitched football

ABSOLUTELY FREE

Other offers available - please call. Overseas members add £2 carriage. All offers subject to stock

AMIGA PERIPHERALS



EKLIPSE MOUSE ...11.99
WITH FREE MOUSE MAT



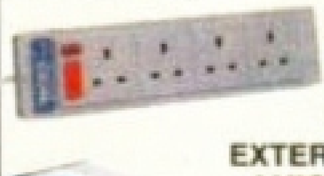
POWERPLAY CRUISER
WITH AUTOFIRE ... 12.99



QUICKSHOT 137F PYTHON
WITH AUTOFIRE ... 9.99



COMMODORE AMIGA POWER SUPPLY
IDEAL REPLACEMENT FOR A500, A500+, A600 AND A1200 ... 27.99



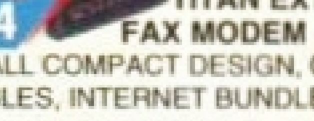
ANTI-SURGE 4 WAY TRAILING MULTI-PLUG
24.99

SAVE £12



EXTERNAL DISK DRIVE FOR AMIGA OR SX-1 ... 47.99

SAVE £22



SAVE £14

TITAN EXTERNAL 14.4 FAX MODEM ... 85.99
SMALL COMPACT DESIGN, COMPLETE WITH CABLES, INTERNET BUNDLE AND FREE STARTER GUIDE

350MB HARD DRIVE FOR A600/1200	149.99
DUST COVER FOR A1200	7.99
DUST COVER FOR A600	6.99
DUST COVER FOR A500	7.49
MONITOR LEAD - AMIGA TO CM8833 OR 1084S	12.99
SCART LEAD - AMIGA TO SCART TV	10.99

9.30am to 8pm Mon-Sat
10am to 5pm Sunday
01279 600204
Fax 01279 726842 (we'll fax back)
HEAVY discounts HUGE range
Credit terms subject to status
Regular Colour Club Magazine
Extra XS Coupon discounts

www.reserve.co.uk
The Special Reserve Discount Club

CHECK OUT OUR COMPREHENSIVE CHEAT ZONE
FREE fast delivery @ http://www.reserve.co.uk secure ordering

BUY THE FUTURE FOR OUR LOWEST EVER PRICES

PLAYSTATION WITH CONTROLLER	£179.99
PLAYSTATION WITH X-COM	£199.99
PLAYSTATION WITH ALIEN TRILOGY	£209.99
SATURN WITH CONTROLLER	£188.99
SATURN WITH PANZER AND VF2	£229.99

EXCLUSIVE SCOOP PURCHASE
GOLDSTAR 3DO, 1 CONTROLLER AND FIFA SOCCER £99.99

All prices include VAT and carriage to MOST UK mainland addresses.
WE ONLY SUPPLY MEMBERS BUT YOU CAN ORDER AS YOU JOIN.

TRIAL MEMBERSHIP ONLY £1 (1 MAGAZINE)

ONE YEAR MEMBERSHIP £7.00 (UK) £9.00 (EC) £11.00 (WORLD)

Buy one item as you join for a year and we'll give you a choice of great FREE gifts. Over 250,000 people have joined and Special Reserve has 80 dedicated staff. Members are under no obligation to buy anything. Our regular club magazine contains a staggering selection of products, many at below trade price. Hundreds of pages of information on our internet site at www.reserve.co.uk. Amazing club shops at Chelmsford, Essex and Sawbridgeworth, Herts. PC repairs & upgrades at Sawbridgeworth (e.g. your 486 to Pentium by mail). No Quibble return policy £4 min or 2.5% - see the club magazine for details.

Overseas orders must be paid by credit card
Hardware items (battery or mains) are only supplied to the UK mainland
Overseas surcharge £2.00 per software item or **25%** on other items

AMIGA FORMAT

(BLOCK CAPITALS please)
Name & Address ______________________

____

______________________ Postcode __________

Phone No ______________________ Machine __________
Enter membership number (if applicable) or
MEMBERSHIP FEE (ANNUAL £7.00)

item ______________________

item ______________________

Please use this box to add any **optional** fast delivery charge
1st Class Post 50p per posted item or **£3 hardware**

ALL PRICES INCLUDE UK POSTAGE & VAT
Cheque/P.O./Access/Creditcharge/Switch/Visa £

CREDIT CARD EXPIRY DATE ______ SIGNATURE ______________ SWITCH (ISSUE NO. ____)

Mail Order address. Cheques payable to:
SPECIAL RESERVE
P.O. BOX 847, HARLOW, ESSEX, CM21 9PH
Inevitably some games listed may not yet be available. Please phone to check availability. SAVE = Saving off full retail price. Inter-Mediates Ltd, The Maltings, Sawbridgeworth, Herts. Prices may change without prior notification. Sent to press 14.06.96 E & O.E.

CITIZEN ABC 24 PIN COLOUR PRINTER ...144.99   CANON BJC 4100 COLOUR BUBBLEJET PRINTER ...244.99   HUGE RANGE OF RIBBONS & INK CARTS

AF SERIOUS



AMIGA FORMAT PRETTY PICTURES

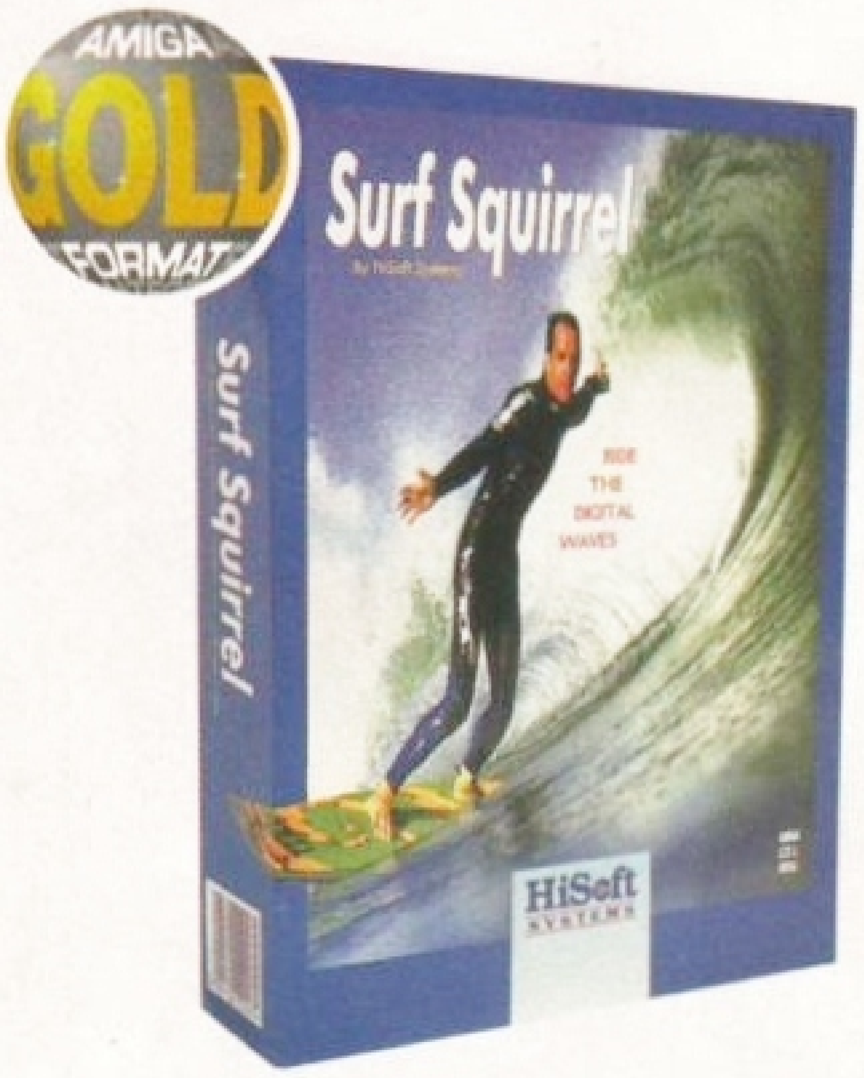

Graeme Sandiford

It seems to have been a month for the artistically minded amongst us. Firstly there was the arrival of *Photogenics 2*, described by some as the Amiga's answer to Adobe Photoshop. It seems that Almathera have come up trumps again and **Ben Vost** took a closer look. Then, straight from Germany, we saw the arrival of *ClariSSA Pro*. With more tools and features than you could possibly imagine – it feels like we could hardly do the program justice over just three pages. This month also saw the arrival of the M1764 – a monitor ideal for graphics people and there was also the Graffiti graphics card and some Clipart CD-ROMs. Not forgetting, of course, that small furry animal riding the crest of a large wave.

REVIEWS

Surf Squirrel

The latest SCSI interface promises a fast, flexible and expandable link with external hardware and easier Internet access.



The Surf Squirrel from HiSoft provides, amongst other things, fast and cheap Internet access

Just over a year ago, a tiny device called the Squirrel changed the lives of many A1200-owners. This oddly hairless little critter is actually a rather cunning SCSI interface that plugs into the PCMCIA port of the A1200 and A600.

SCSI, which stands for Small Computer Systems Interface, is a means of attaching devices to your computer. However while IDE interfaces generally only support the addition of one device, SCSI interfaces enable you to link up to seven devices through a single interface. This can be anything from a hard disk or CD-ROM drive to a scanner or removable cartridge drive.

Despite the many advantages afforded by the SCSI interface, in the past they have been expensive and all but non-existent for the A1200. Not only was the Squirrel a piece of cake to install, it was also cheap and it didn't invalidate your warranty. And it made a whole new range of products available to Amiga-users who didn't own big box machines like the A4000.

SURFING

The latest version of the Squirrel is the Surf Squirrel and it's set to take things a step further as it now has support for SCSI II. SCSI II is the next version of the SCSI interface protocol and, among others things, is much faster. With a potential maximum transfer rate of 40Mb/second, a fully-working SCSI II interface should be fast enough for most people.

However, not content with simply keeping up with trends in the computer industry, the Surf Squirrel has a high-speed serial port. Serial ports have been around for ages but are still an important part of most computer systems. Although PCs also use the serial port for attaching mice, the main use for the serial port is communication. The serial port can be used to send binary information to a device or computer.

Of course the main use for a serial port is connecting to the Internet with a modem. When you are on-line time really is money, as the longer you are on-line the greater your phone bill will be. This is why you need as fast a modem as possible.

The Surf Squirrel will give you a fast, flexible and expandable link with external hardware as well as making surfing the Internet a lot more pleasurable or productive and less expensive.

Physically the Surf Squirrel is a lot like the original Squirrel except that it's a little thicker, and substantially wider, to accommodate the serial port. The quality of the unit is excellent and now features a longer SCSI lead. The SCSI lead has a standard 50-pin SCSI I connector which is larger than a SCSI II but if your device needs a SCSI II connector you can buy an adaptor.

The serial port itself is located at the rear of the Squirrel and is a

BENCHMARK RESULTS

We decided to test the speed of the SCSI connection by transferring large amounts of data in comparison with the Blizzard IV SCSI adaptor. This SCSI kit for the Blizzard 1230 IV and 1260 is likely to be the main competition for the Surf Squirrel when it comes to choosing a method of connecting SCSI devices.

We tried just about every combination – transferring one medium size file across the SCSI bus to an internal IDE hard disk, copying a large file, lots of small ones, copying files from a CD to a hard disk on the same SCSI chain and more.

The results turned out to be quite even with the Blizzard shaving off a couple of seconds here and there. While the Surf Squirrel is a bit slower you do get that super-duper serial port as well – at roughly the same price.

Results table

5.38Mb anim file from CD to IDE
Surf Squirrel = 32.81
1260 = 32.28

5.38Mb anim file from SCSI to IDE
Surf Squirrel = 24.97
1260 = 21.5

5.38Mb anim file from IDE to SCSI
Surf Squirrel = 1:01.25
1260 = 1:00.47

8.5Mb folder containing 71 files from CD to IDE
Surf Squirrel = 56.03
1260 = 52.67

5.38Mb anim file from CD to SCSI
Surf Squirrel = 31.02
1260 = 29.44

EXPAND YOUR HORIZONS



ZIP DRIVE
The Zip from Iomega is a removable drive system which has already shipped 1million units. Each cartridge can hold almost 100Mb of data and is only a little bigger than floppies.



JAZ DRIVE
The Jaz drive is the big brother of the Zip and it is also cartridge-based. However its cartridges can contain up to 1Gb of Data, which is good news for anyone producing CDs.



CD ROM DRIVE
CD-ROM drives are getting cheaper and cheaper all the time and their performance is improving too. If you want to get the most out of your machine then you have just got to have one.



SYQUEST EZ135 DRIVE.
Despite Iomega's efforts Syquest have not kicked the bucket just yet and are fighting back with the release of the EZ135 and the brand new SyJet which can contain over 1Gb of data.

standard 9-pin D type. This kind of port has only 9 pins instead of the Amiga's normal 25, but this is okay as it has all the necessary connections and if you need a 25-pin interface, for your modem or null-modem lead, a convertor can be bought from a large number of stores. The port can support speeds in excess of 115,200 BPS (reliable speed on a 020 A1200) which is quite impressive when compared with the average speed of around 19,200 for a standard A1200.

TOO FAST?
Most people are puzzled by that figure and wonder why you would want a serial interface that operates at that kind of speed when most affordable modems can only manage 28,800? The speed your computer communicates through your modem can be increased through data compression. This will enable your modem to send two to four times the amount of data down your phone line so long as your service provider supports this feature. This will only work effectively if your serial port can output two or four times the standard speed of your modem.

A point worth remembering is that the speed you can send information through your serial port depends a lot on the speed of your processor. The speeds mentioned are for a standard 020 A1200 and an accelerated machine with say an 040 CPU which can reliably manage speeds of just under 57,600 – half that of a standard 020 machine with a Surf Squirrel.

Installing the Surf Squirrel hardware is very easy – you simply stick it in your PCMCIA port – gently, of course. The software installation is just as easy and provides you with several options. As well as copying the Squirrel software to your hard disk the installation script enables you to; copy the files necessary for CD^{32} emulation to hard disk, create a CD boot disk, a CD^{32} boot disk as well as a hard disk boot disk. This should make it possible to play CD^{32} games, boot from utility CDs and boot from an external drive.

The Surf Squirrel's manual is superb and goes into great detail about all the aspects of adding a SCSI interface to your machine. It covers everything you'll need to know about configuring a hard disk, CD-ROM drives, removable mediums and configuring your comms software to use its serial port.

It's hard to believe, but the Surf Squirrel really has bettered the original model. Not only is it faster, but it also opens up the the door to more efficient Internet exploration.

SURF SQUIRREL

DISTRIBUTOR
HiSoft
01525 718181

PRICE
£99.95

SYSTEM REQUIREMENTS
A1200 or A600

INSTALLATION ●●●●●
Well, you just stick it in. If you have the dexterity to plug in a TV you should be able to handle this.

SPEED ●●●●
It's hard to imagine just how much more speed could possibly be got from the PCMCIA port.

MANUAL ●●●●●
The manual is superb and it tells you just about everything you could ask for.

FEATURES ●●●●
A SCSI II interface and a super-fast serial port - what more do you want.

VALUE ●●●●
It's hard to believe, but this is even better value than the original Squirrel.

"It's hard to find fault here. The Surf Squirrel really is an impressive piece of equipment"

92%

Making the difference
http://www.futurenet.co.uk
Point your World Wide Web browser at:



It's phenomenally popular – in fact it's one of Europe's most popular web sites. Not only can you view the homepage of your favourite magazine, browse through back issues and follow links to homepages of Amiga developers, but there are also regular news updates from around the Amiga scene as well as a daily world news service. Try it now!

FutureNet

http://www.futurenet.co.uk

To advertise on **Futurenet**, Email **Chris Rayner** at **crayner@futurenet.co.uk** or call 0171 447 3300

CD-ROM ROUND-UP

EMC INDEX
EMC ■ 01255 431389 ■ £14.99



Image Libraries and Clipart CDs have proven to be very popular with both CD developers and customers. Developers like them because they enable them to recycle lots of material, dump a load of images onto a CD and then sell it. It's quick and easy. OK, that's not always true; some people do spend time sourcing new images and making sure that there is a good interface which makes the CD as accessible as possible. EMC recently did this with their own collection of multimedia material CDs, the *Phase* range. In order to make flicking through the CD easy they included a set of index pictures which contained thumbnails of all the clips. This meant you could go straight to the image that you wanted.

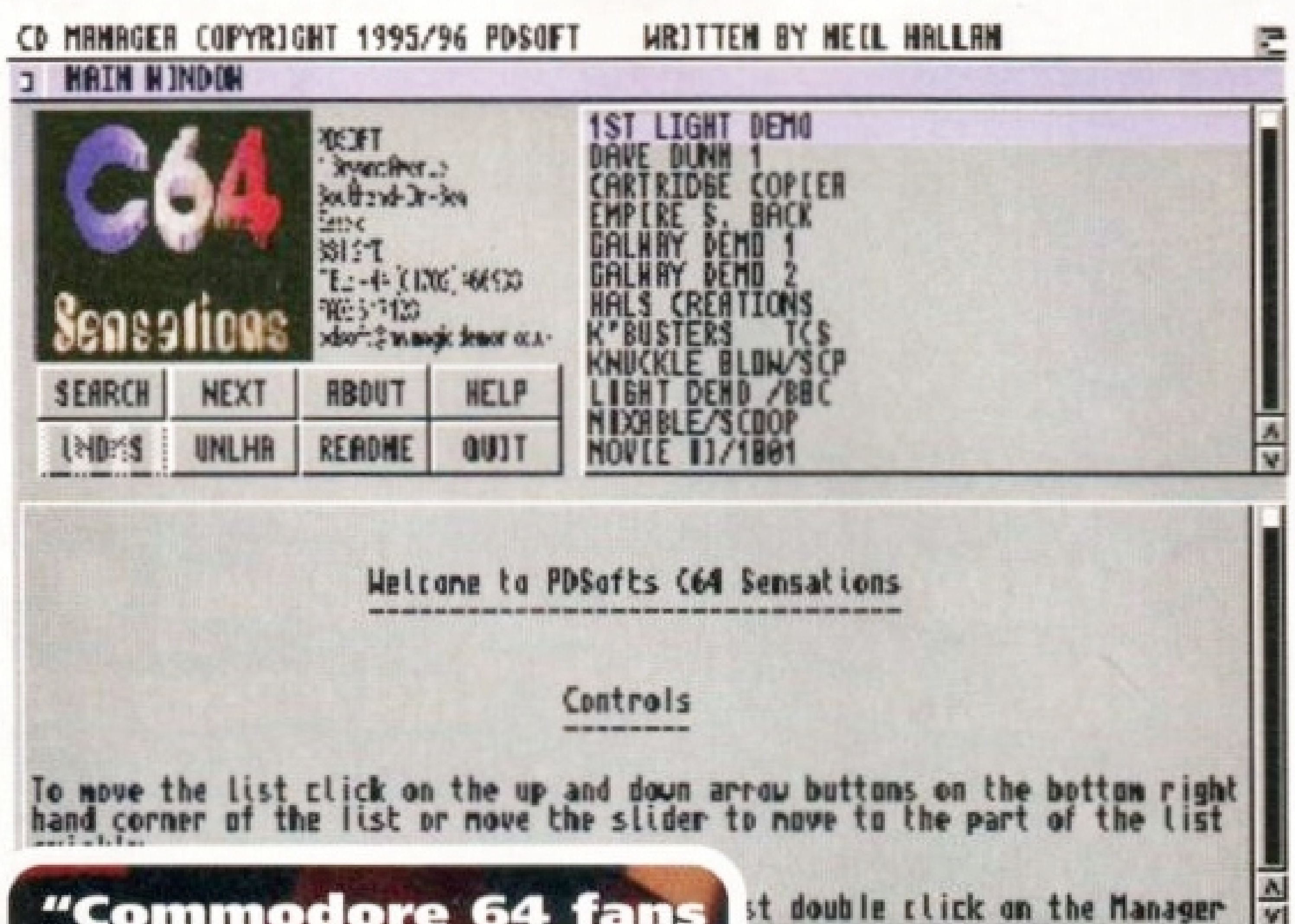
Unfortunately, not all other CD producers have done this sort of thing, for whatever their reason. In fact, EMC refer to these CDs as shovelware and you can see why. To rectify this, they have produced the *EMC Index*, a CD containing thumbnail indices to masses of CDs. The indices are viewed by double-clicking on them and they have all been stored in logical positions so that locating the original file is easy. For instance, inside the Clipart drawer you will find a selection of Clipart CDs. In each CD the directories of the original CD are duplicated, but with thumbnails inside so that you can effectively browse through all the CDs very quickly.

There are 31 CDs covered, including some PC ones, so it's very extensive, if not exhaustive. If you are a professional or constant user of image banks and clipart, then this CD will be a great boon, but perhaps you should first check with EMC as to whether the CDs in your collection are covered. You are paying, not for new material, but for the time required to index over 30 CDs, which makes this price very reasonable. It's just a damn shame that we need a CD like this in the first place. CD producers should take a leaf out of EMC's book and realise that their products should be as accessible as possible.

"Makes life a great deal easier and all at a very reasonable price"

80%





"Commodore 64 fans only! Not for owners of the first version"

80%

C-64 SENSATIONS VOL 2 (96)
■ EPIC MARKETING ■ 01793 490988 ■ £19.99

The C-64 still has its supporters and enthusiasts. Nowadays though most of them run their C-64 on a different platform. This CD is an update of an earlier release, with some more recent versions of programs and some new software. It's a dual format CD, which includes software emulators for PC users too. On the Amiga side there is the full version of the A64 emulator package as well as a new addition, the *Magic C64* program, which is one of my favourites as it has masses of options and a wonderful interface. There are also tools for converting files to the Amiga.

As well as the C-64 emulators themselves, there are masses of demos which have been supplied archived. To help you navigate the CD, there is a custom interface which lets you browse the contents and de-archive any archives that you want. One slight mistake is that the interface looks for volume 1 and you have to make a manual assign to the CD for it's functions.

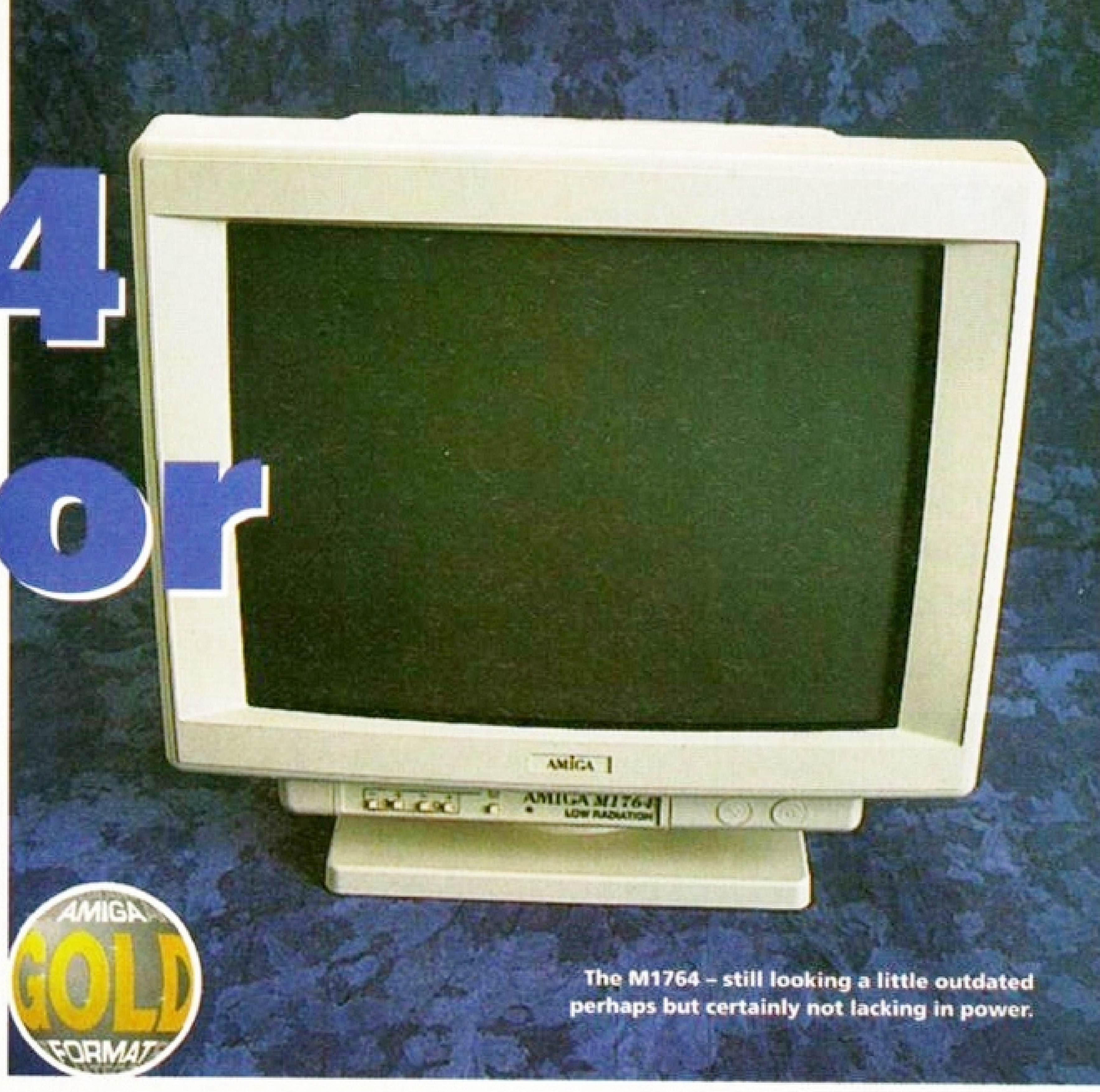
I was surprised to find that the CD producers have tried to add a bit more to the CD by including emulators of other platforms. You'll find a demo of *PC Task*, a Spectrum emulator and a recent version of *ShapeShifter*, the Mac emulator, amongst others.

As you can use just about any C-64 file that you come across with these emulators, this is a pretty comprehensive package. The complete programs add value, but as you may end up getting more packages or games from the internet or from PD libraries, maybe you would be better off getting an emulator from there too. £20 is a bit too much for a set of demos. Also, the archives are not named according to their contents, just generically (demo1, demo2, etc), which makes it hard to navigate if you don't use the interface.


TOTAL FOOTBALL
In t'net: *Total Football* magazine's fabulous net side can be accessed on the World Wide Web: http//www.futurenet.co.uk/
INCE PERFECT
Has a year in Italy made Paul Ince a new man?
Find out in the *Total Football* EXCLUSIVE interview
Euro '96 picture special
PLUS! Busby to Ferguson: why Scottish managers are the best ● Your top team – the greatest fan survey EVER ● What makes a great goal ● Vialli at Chelsea ● Newcastle's pain and Man U's glory ● Full end-of-season stats for EVERY English League and Scottish Premier Division team ● reviews, nostalgia and loads of laffs...
Future
TOTAL FOOTBALL
ISSUE 11 ON SALE NOW!

M1764 Monitor

Graeme Sandiford manages to clear a space on his desk to look at this monster of a monitor.



The M1764 – still looking a little outdated perhaps but certainly not lacking in power.

You can tell a lot about the occupants of the average office and their relative stature by looking at their chairs. People who are, or think they are, important usually have larger than average chairs with arms and perhaps with some extra padding – presumably to cushion their extra load of responsibility, or something. Things are a little different in most design or graphics studios, where you'll find that the size of a person's monitor is usually the gauge of their importance.

However, aside from being a status symbol, big monitors do have a more practical purpose. Anyone who has had to strain their eyes by looking at a small monitor or, indeed, a TV screen will appreciate what a difference a decent display makes. If you are involved in any kind of graphical work then this is doubly important.

WIDE SCREEN

As a 17-inch monitor, the M1764 certainly falls into the category of "big-monitor". With an active display area 320x240mm this monster, had it been made just a few years ago, would probably have pulled all your hair toward the screen when you turned it on in the morning. Seriously though, the monitor has a low-radiation screen and conforms to all those new fangled European health and safety regulations, so don't worry about bleeding gums and hair-loss due to prolonged use.

Physically the monitor is quite bulky and, as you might expect, is going to eat up a fair amount of desk-space, it's 16-inches wide and good 17 deep. Style wise, the preferred look of a monitor is pretty much a personal choice. In my opinion the M1764 could look a heck of a lot better and certainly a lot more modern. It would have also been beneficial to have provided a covering flap over its buttons so that the monitor's settings couldn't be changed by mistake so easily.

For its size, the screen is quite flat with very little distortion and a dot pitch of .28 mm ensures a sharp image. If, despite its relative flatness, the display becomes bowed or pincushioned you can adjust the display appropriately with the on-screen menu's advanced geometry options. This can also be used to adjust parallelogram and trapezium distortions as well as the more common width, height and positioning features. The on-screen menu also provides access to the monitor's colour, factory default settings and special features such as genlocking and AV (Audio Visual) options as well several other options that you best not touch unless you really know what you are doing.

Although you'll probably need to make a few geometrical adjustments, the factory default settings will provide you with a bright and clear display. The colour handling of the monitor is both vibrant and rich and is equally good at bringing out subtle colours as it is at separating intense ones.

The M1764 has been designed to work with the Amiga and as a result has synchronisation rates of 15KHz to 64KHz horizontal and 50Hz to 120Hz vertical. This is enough to handle all of the Amiga's native graphics modes including Lo-Res and super Hi-Res as well as most of the resolutions of Amiga and PC graphics boards.

NO SOUND

Overall it would seem that the Amiga M1764 is a very impressive piece of hardware and it should certainly be at the top of most Amiga-users wish list. However there is one design over-sight in the monitors lack of speakers. This means that, while the monitor can handle the screen modes of games, you won't be able to hear anything and this is a real shame especially if you are going to be using your machine for multimedia work. Apart from that, the M1764 is very tasty indeed. AF

M1764 MONITOR

DISTRIBUTOR
See your local distributor

PRICE
£650-700 (expected retail price)

SYSTEM REQUIREMENTS
Amiga with working video port

SPEED ●●
An odd criteria for a monitor, but the M1764 can be quite slow at adjusting to different screen modes.

MANUAL ●●●
Helpful for experts, but doesn't tell beginners all they need to know to get the monitor up and running with their Amiga or graphics card.

ACCESSIBILITY ●●●●
Like most monitors – you plug it in and it works.

FEATURES ●●●●
It supports all of the Amiga's screenmodes, but could do with a composite input.

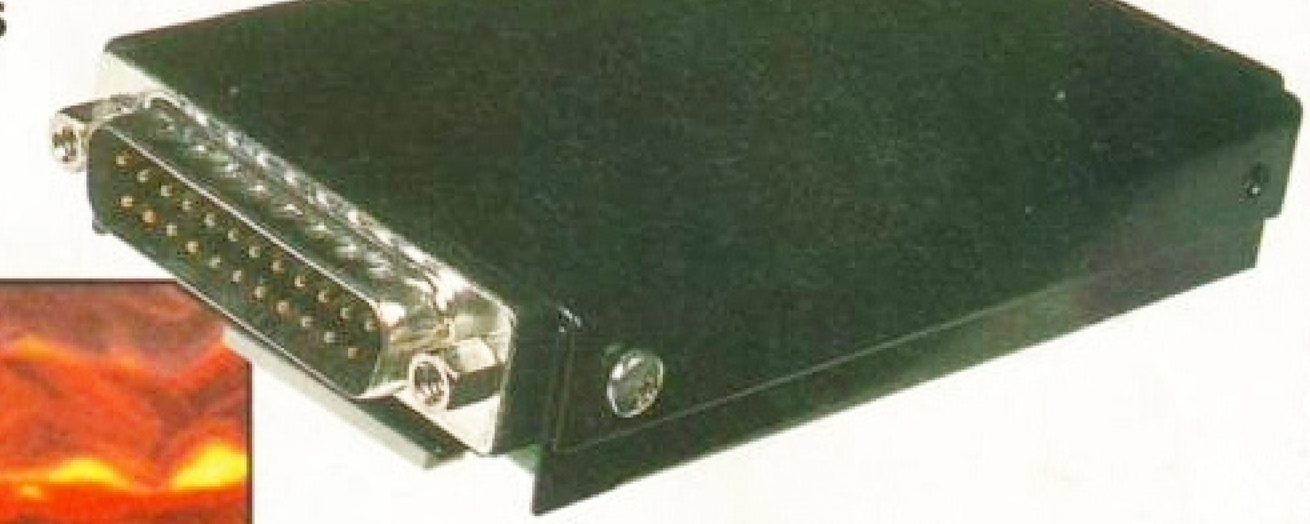
VALUE ●●●●●
If the price is as expected this is good value for a 17-inch monitor.

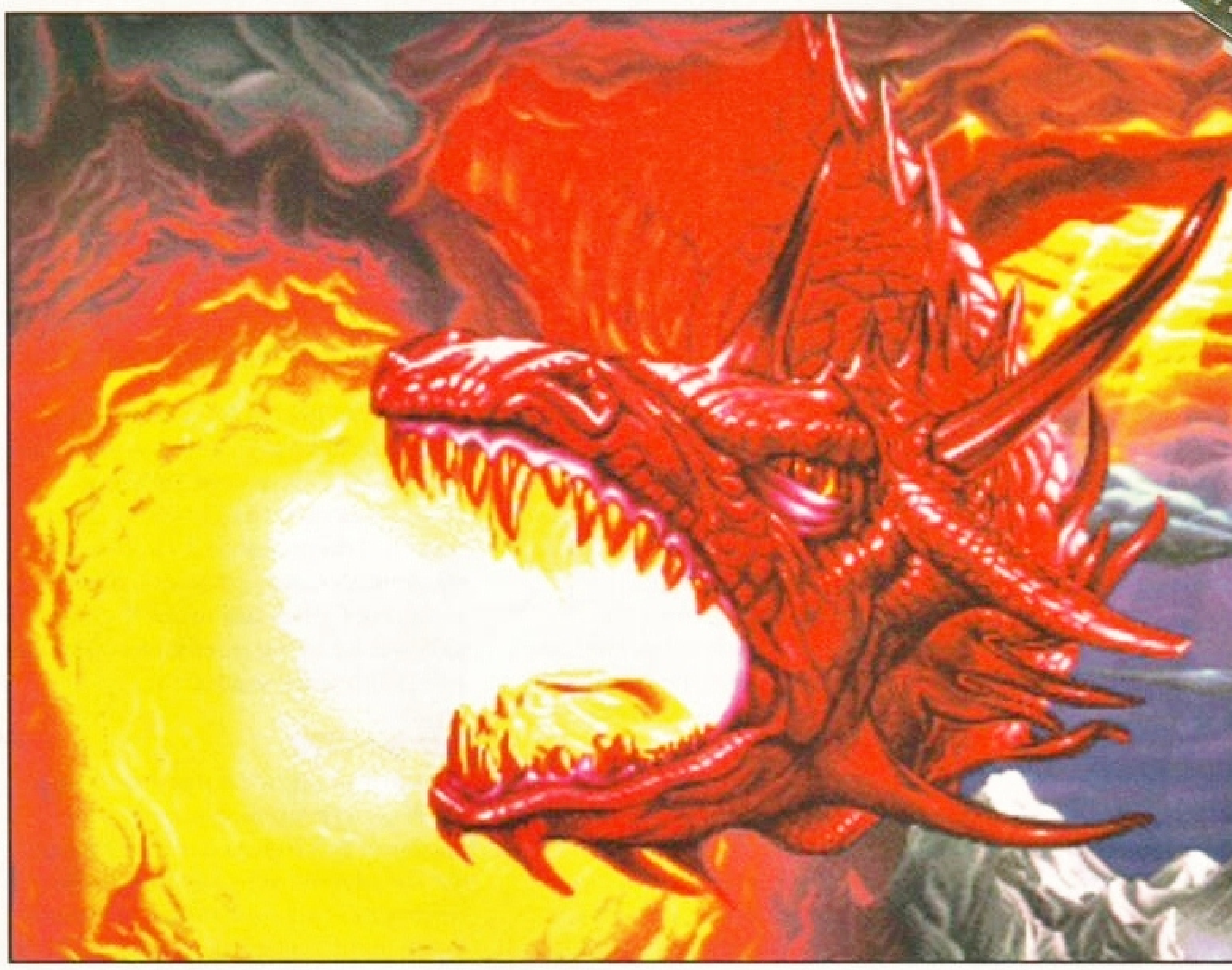
"At long last, an affordable big monitor."

91%

Graffiti Card

Can a small box really offer a new and exciting graphics mode? David Taylor gets his teeth into the Graffiti's new chunky pixel mode.





There are some executable demos that show off the new mode with a static picture. Like this one.

When *Doom* arrived on the PC, it was always said that the Amiga wasn't capable of running such a game because it didn't have the fast chunky pixel mode. This is where one byte in memory represents a single pixel on the screen and where that byte's value selects its colour. Amiga programmers, with typical tenacity, eventually proved them wrong, but it did show up one area where the Amiga was lacking. However, this new Graffiti graphics card, which in actual fact is an external box, supplies the missing mode.

The box is a compact black number and fits into the RGB port of any Amiga model. It can function in several resolutions: 80x256, 160x256, 320x256 and even 640x256. The last mode is only available on AGA machines, but all resolutions can use up to 256 colours.

Although the Graffiti works on any Amiga, performance is increased using faster processors and especially expanded machines with some burstmode fast RAM added. To view the mode, you must have a standard 15Khz monitor, like the Commodore 1084.

Getting the Graffiti to work is simplicity itself. The hardware sits between the RGB port and the monitor cable. The Amiga's Screenmode preferences then need to be set to suitable mode and must have a maximum of 16 colours – that's either 1, 2 or 4 bitplanes. If the screen is set to any more colours, then the Amiga will use its standard bitplaned graphics.

Software needs to be written specifically to make use of the Graffiti's modes and the board comes with four disks showing some of the software currently available. As yet the software seems to be only coming from shareware authors, but it's quite surprising what there is on offer.

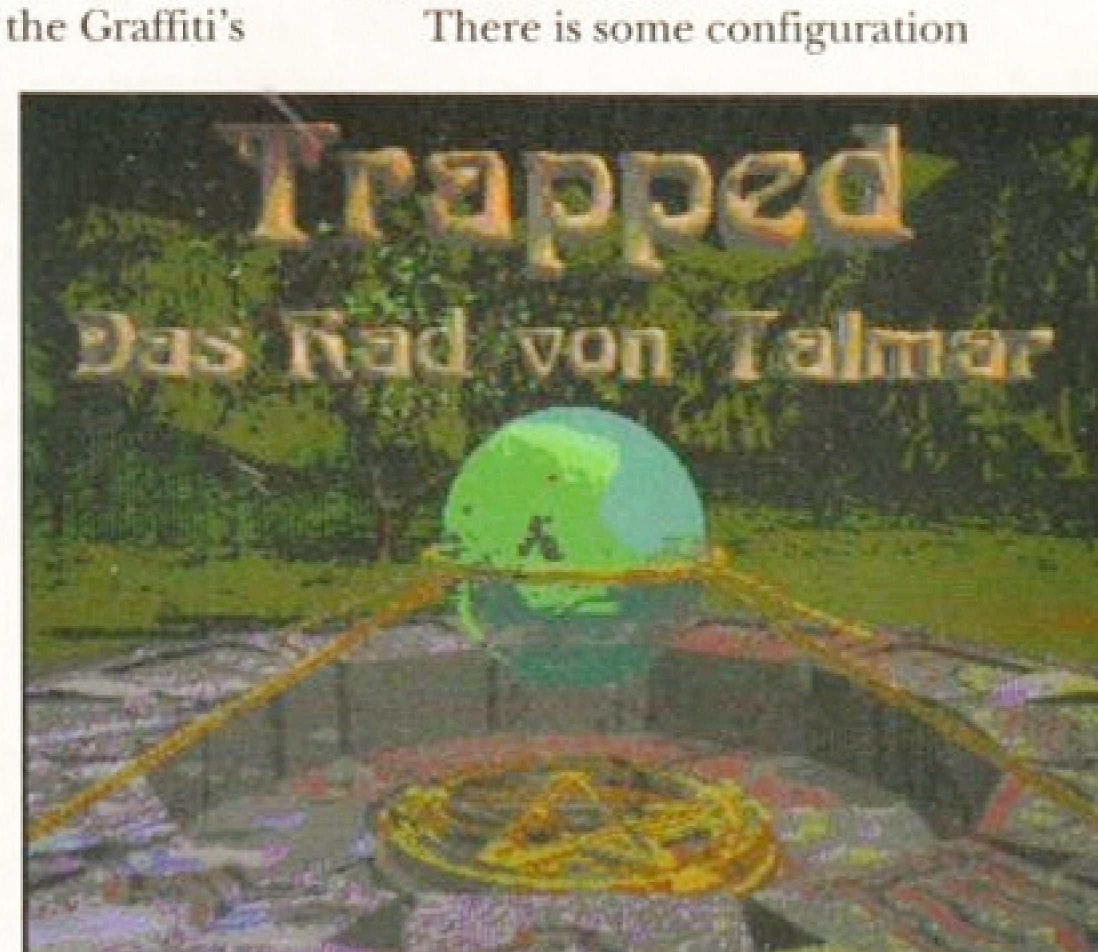
The chunky pixel mode is ideal for quicker animations and areas where graphics need to be calculated quickly, like the aforementioned *Doom* clones.

For serious users, there is a picture viewer. It's a German version and only has German documentation but the results are fine, although it's only a picture viewer. Also included is a set of video drivers for the Macintosh emulator, *ShapeShifter*. Unfortunately though you need a full graphics card to make use of any external viewer in *ShapeShifter*.

SLICK AND SMOOTH

The other disks that come with the Graffiti are full of demos and there's even a game. The demos show a variety of impressive plasma effects and examples of Gouraud shading. However, you're not, as a user, going to want to buy a card to see a load of plasma, however smooth it might be. Thankfully, there is also a game included for you to try. Called *Trapped*, it's a *Doom* type game – surprise! However, it is amazing how smooth and slick it is. Running at 192x192 size in Graffiti mode, it is remarkable and has some nice touches like lens flare that moves as you approach light sources. The game does require extra RAM and an AGA machine to run, but it's still well worth seeing.

There is some configuration



Trapped **may have high system requirements but it is very slick and is well worth a look even if you don't have the card.**

software that examines your machine and tells you how you should have the DIP switches set on the box. To be honest there are only two switches and it is easy enough to set them from the manual.

To help circulate any software created for the Graffiti card, there are plans for a CD which will be released every three to six months. In order to encourage programmers to submit their efforts, they will receive a free copy of the CD. More importantly, anyone who publishes a program on the CD will get an extended three month warranty after the publication of the CD. This means that should anything go wrong with their card, it will be replaced the same day that it is received by the manufacturers, no matter how old it is.

The CD will retail at around $7 (about £5) and I certainly hope it will be better compiled than the software we received. The utility disk had no English documentation and the *ShapeShifter* drivers and configuration software had no documentation at all. The demos were all supplied as Lha archives simply stuck onto a disk. Although they are simple enough to extract if you know how, it would have been better with a decent installation script. Even when they are extracted they are untidy, not kept in separate directories or even including icons.

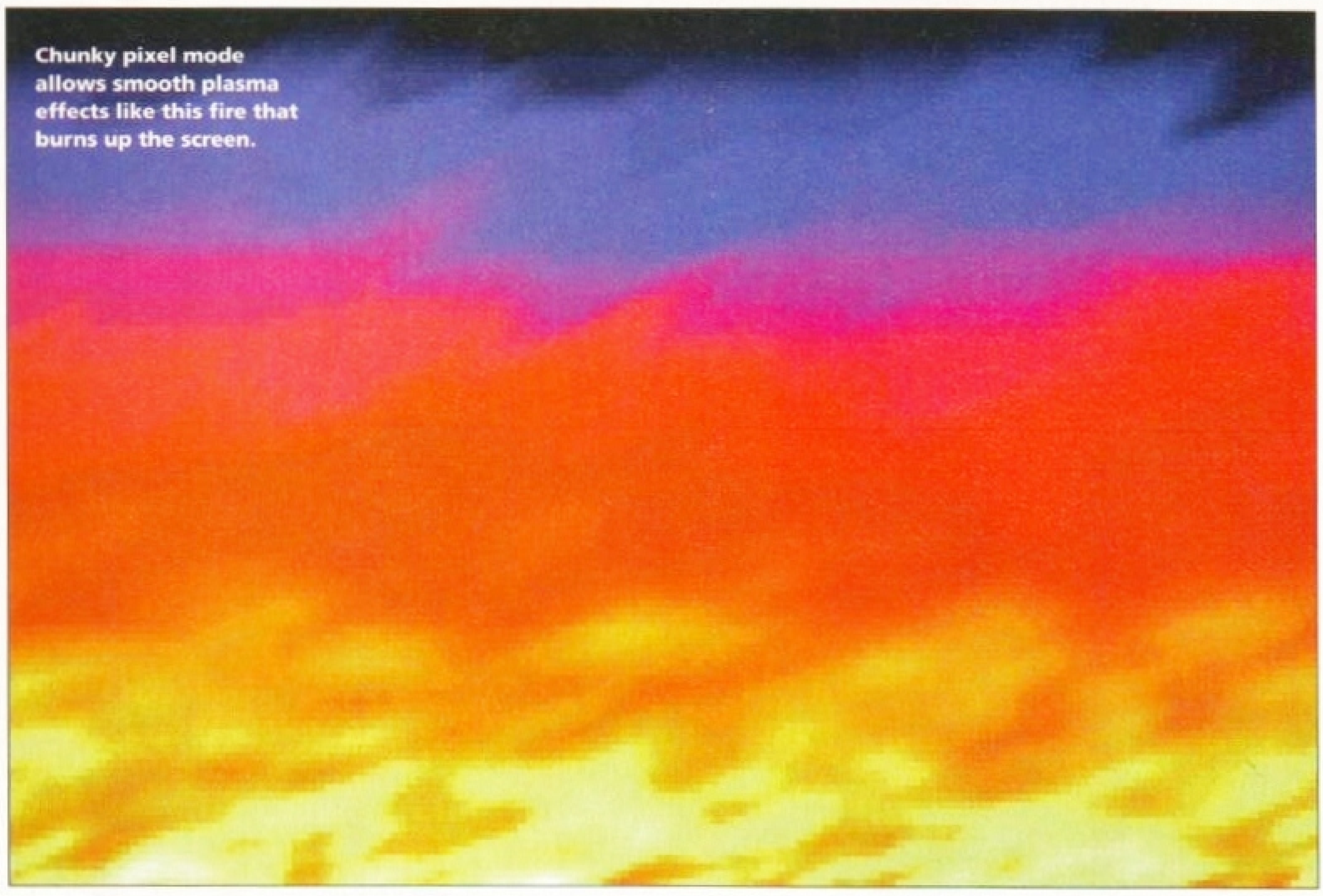
It could be that this software is not planned for release with the card to the public, but this would be a serious drawback to users who would really get nothing with the card to try out. And that would be somewhat pointless. A little more work in this department please and even some other examples would be good too.

The manual for the Graffiti has been written by a hardware designer and is very difficult to read through. After a few introductory paragraphs, it jumps straight into the information for programmers but then again there's not much point general users reading the manual as the Graffiti is so simple to use. Programmers can also take a look at some example code to see how to program for the card.

I suspect that the majority of people first attracted to the Graffiti will be programmers who want to try out programming for the new modes to see what results they can get. No doubt this will result in a proliferation of shareware *Doom* clones and animation players and some demos flooded with plasma and landscapes. It's worth noting that without a Graffiti card attached, software written for it appears to be a corrupted greyscale picture.

It is a shame that hardware like this is now left to drum up its own business. Before major developers consider writing for it, it will have to prove that it has achieved a massive user base and it won't receive massive sales unless users can see that there is a wealth of software available to use. It's a vicious circle.

The programmer's home could therefore be where Graffiti will find its niche. Of course, users could hunt around to find software before buying the card to see if they like the sound of what's available, but although this little box is an interesting development it's hard to see it becoming a fixture on everyone's machine.



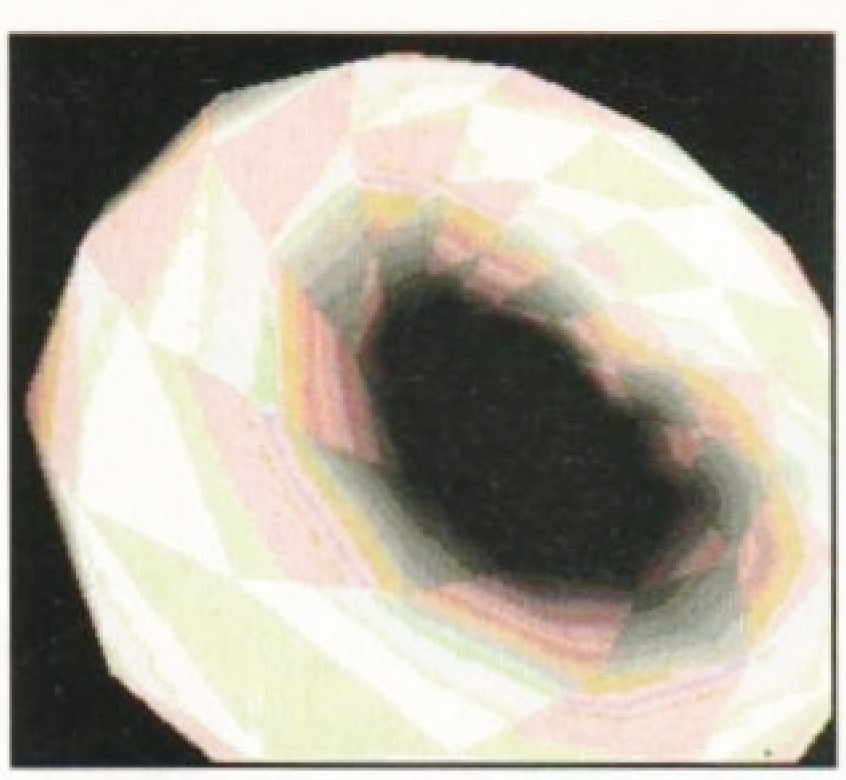
Chunky pixel mode allows smooth plasma effects like this fire that burns up the screen.



The *Trapped* game runs very smoothly, even when animating sprites in 1x1 pixel mode.



The lens flare moves and magnifies as you move around light sources. Impressive. Most impressive.



Shaded and spinning. Expect to see lots of this sort of demo. Wildly exciting they ain't, but just wait until programmers get up to speed.

GRAFFITI CARD

DISTRIBUTOR
Power Computing

PRICE
£69.95

SYSTEM REQUIREMENTS
All Amigas. Expanded AGA recommended

SPEED ●●●●
Watching the demos and playing the game, it's exciting to see the refresh rate and quality.

MANUAL ●●●
It is technical, but users needn't read it. It's there for the programmers to write for the Graffiti.

ACCESSIBILITY ●●●●●
Come on. You plug it in and set your preferences.

FEATURES ●●●
Well, it adds this new chunky pixel mode. That's what it says it does and it does.

VALUE ●●●●
Programmers will definitely get their money's worth but what does it offer home users?

"An interesting development. Programmers should take a look and users should hunt around for software first."

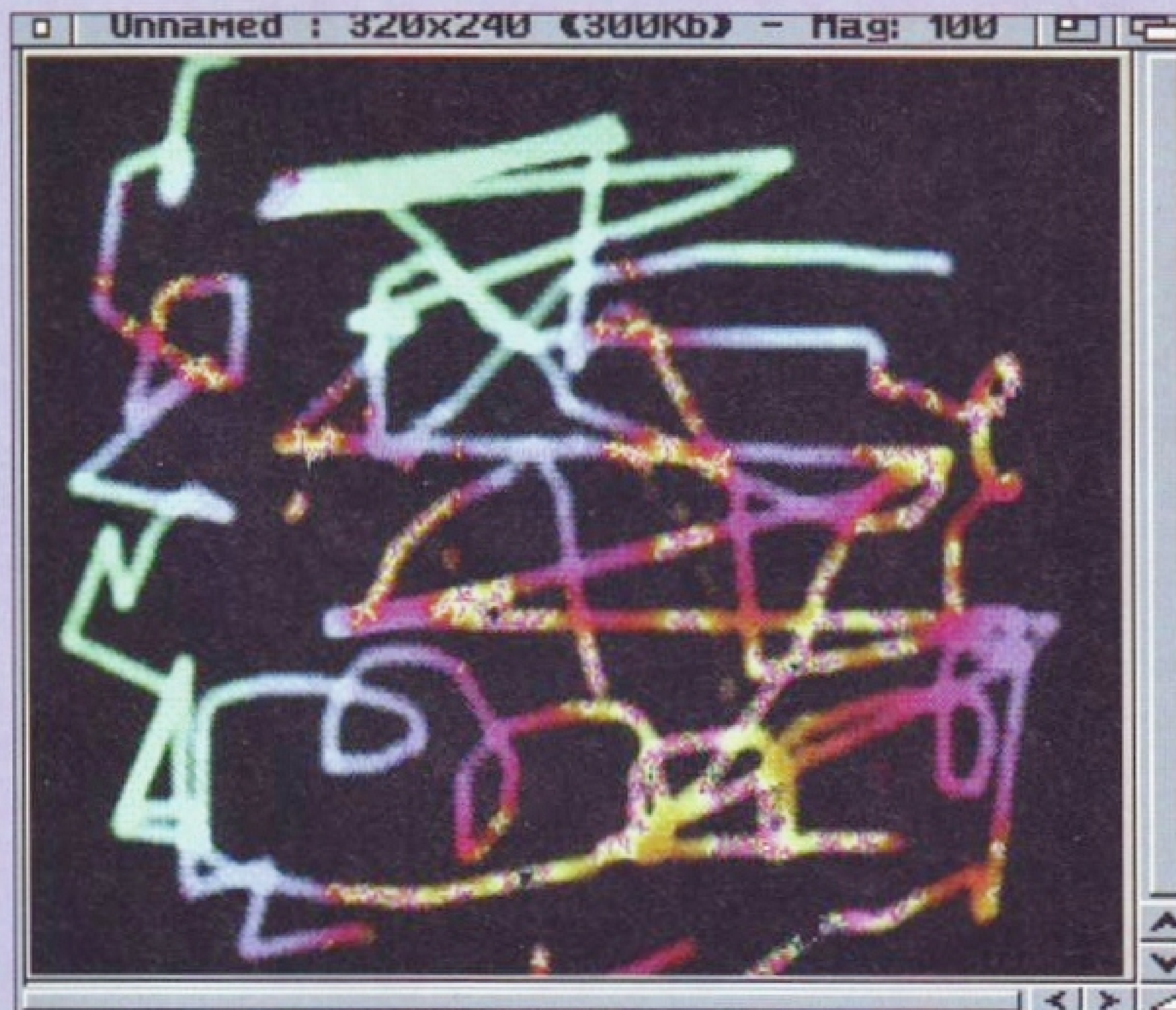
82%

Photogenics 2

The airbrush strikes back. Ben Vost casts an artist's eye over a new version of an old friend.



The online help is in HTML format so you'll have to use some sort of web browser to view it. Fortunately, *AWeb* comes with *Photogenics*.



Merely scribbling on the screen isn't that attractive. However, using *Photogenics'* new fractal effect and applying it to the current paintlayer will transform your scribble into art!

When *Photogenics* first came out in 1994 it blew everyone away with its new method of working. There were a wide range of splendid tools and effects and an open system to which new features could be added with ease.

With the advent of the 1.2 version several people I speak to on a regular basis were convinced that *Photogenics* was the Amiga's equivalent of Photoshop. So, what new features could possibly be added to the king of image processing and paint packages to make it even better still?

FIRST IMPRESSIONS

The first thing to strike me when *Photogenics* landed on my desk was the size of the box it comes in. When I bought my copy of version one, it came in a box equal to the size of the *Final Writer* box and was set up as a loose leaf binder which also contained three disks. This time around, however, the box containing *Photogenics* is a slim affair more suited to a game than a professional paint program.

Still, I opened it in haste and discovered a wallet containing a CD, and a single floppy disk. What no manual? "Ah, no", say Almathera, "online documentation, innit?". Oh. Not only is it online, but it's also HTML, ie. it's in the form of a series of web pages. Still having it this way, rather than using AmigaGuide, does mean that you can include graphics and

WISHES AND WANTS

As good as *Photogenics* is, there are a fair few shortcomings I would like to see fulfilled in future versions.

WHY IS THE GAUSSIAN BLUR SOOO SLOW?

As I write this I started a gaussian blur operation on a simple 320x256 colour image and here I am, 25 minutes later and the blur still hasn't finished. I run Adobe Photoshop on my Amiga thanks to Christian Bauer's excellent *ShapeShifter* program and it can perform an identical operation on an image many times larger than the one I'm trying to do in *Photogenics* in less than half the time.

WHY CAN'T YOU CARRY ON WITH SOMETHING AS PHOTOGENICS REDRAWS?

This is another bug bear. *Photogenics* allows you to carry on working as it creates those very handy little thumbnail images for the image bar and yet you have to wait to do anything else while it redraws the whole window for your image. Quite often you can see within a few lines that the image you are editing isn't going quite right, but *Photogenics* forces you to wait before you can continue with a different technique slowing the artist down and draining creativity.

THE TOOLBOX ICONS

These need to be a lot clearer than they currently are. The current ones are a bit confusing and must be downright horrible to work with if you only have a TV as a display device.

ONLINE DOCUMENTATION

This shouldn't be a substitute for a printed manual. An aphorism that has only recently surfaced. Until there is an affordable Amiga portable, you will never be able to read *Photogenics'* manual on the train, on the bus or in the toilet. Especially considering the increasing cost of *Photogenics*, a printed manual is a must.

FASTER OPERATION OVERALL

Photogenics just isn't that fast. It's still a huge improvement over the very first versions, but for all the fact that *Photogenics* is supposed to run on the very lowest of low-end systems, it still doesn't shine unless you have a pretty speedy machine. When all's said and done, although I like the gadgets that Almathera have seen fit to furnish *Photogenics* with, I would much rather have seen tweaks to the speed of the operation of the program.

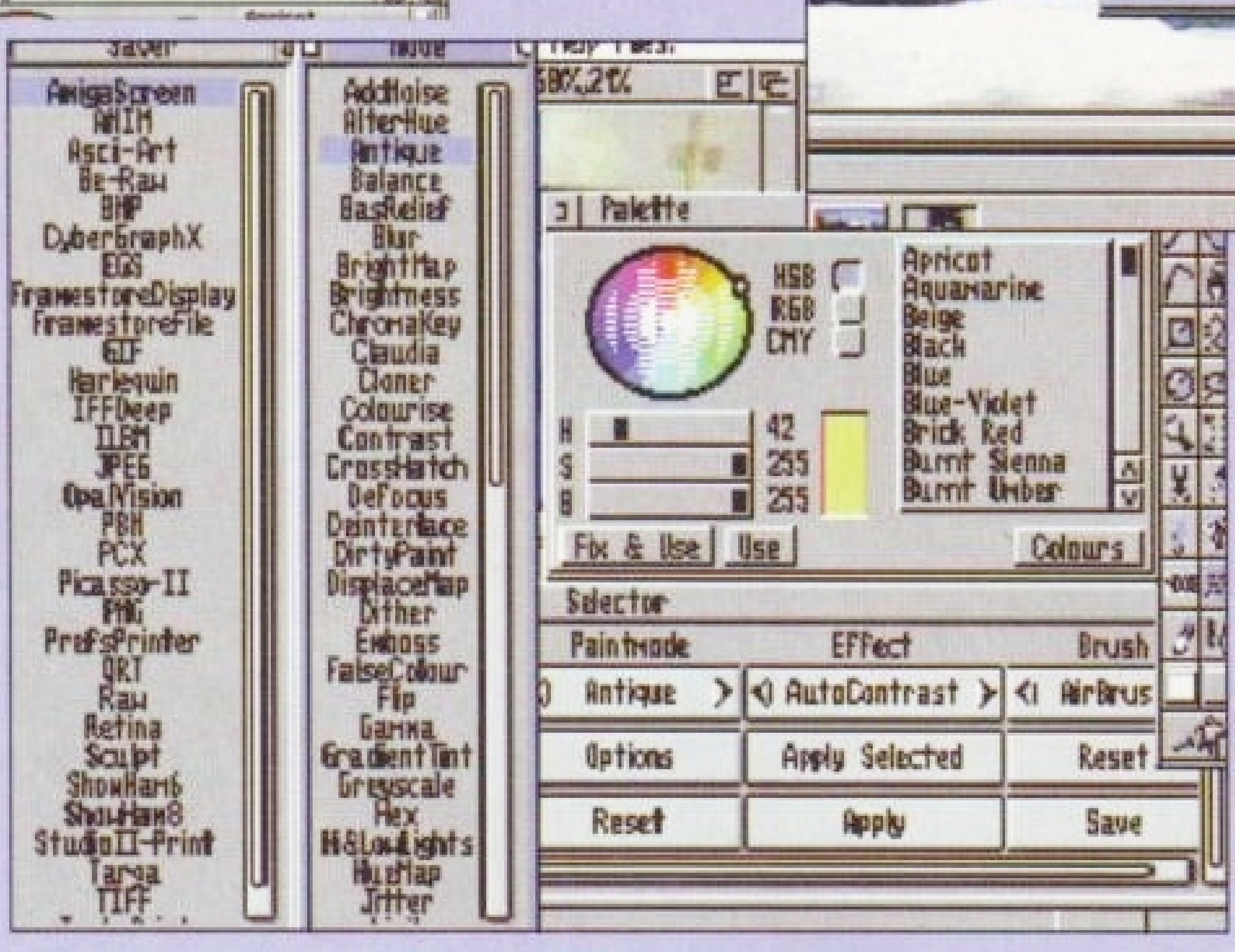
Continued overleaf ➡



LEFT: *Photogenics'* splendid virtual image function allows you to work on images too big for memory.



ABOVE: Photogenics now supports many different file formats. You can even preview Lightwave objects.



All the menus in all the sizes? On a small screen *Photogenics'* lists take up a lot of valuable screen real estate.

⬅ better layout than AmigaGuide gives you the opportunity for.

The *Photogenics* CD also comes complete with a version of *AWeb* with which to view the help pages. As *AWeb* certainly isn't the best Amiga web browser around I can only surmise that it has been included because of the well-known pathological hatred that Almathera collectively have for MUI which is even documented in the online manual.

Still, you should have little trouble setting up *IBrowse* or *Voyager* to work with the *Photogenics* manual, and, of course, since they are MUI programs they can easily be made to appear on the *Photogenics* screen.

ONLINE MANUAL

Continuing with the online manual, it is quite well laid out. I would, however, have preferred to have seen buttons at the foot of each page taking you back to the start of the chapter rather than just back to the main index page, although using the browser's 'back' button works well enough.

One thing that certainly improves the quality of the documentation is the surfeit of colour images with which the tutorials are demonstrated, a luxury that could not be afforded in the printed manual that accompanied earlier versions of the program. The tutorials themselves are of passable quality although they reveal too great a knowledge of the program by their authors in the lack of explanation for certain effects or methods.

But what of the program itself? Well, I haven't been using *Photogenics* for a while owing to a bug in the version I had that resulted in my images being doubled in their vertical aspect (this only occurred on Picasso graphics cards), but this version solves that problem and is a vast improvement in speed on many of the features.

NEW FEATURES

There are also several brand new features (which you'll see in the boxout) including the very useful load and save paintlayers function. This

CHANGES TO PHOTOGENICS SINCE VERSION 1.2

VIRTUAL IMAGES

This system works really nicely. It allows the user to load a large image, including those too large for memory, and work on it in sections. This method takes very little memory (except for the sections) but does require a fast hard drive with a fair amount of free space on it to make the best use.

Loading a virtual image takes a little longer than loading by normal methods, but on a fast machine the difference should be barely noticeable.

PLUG-IN EFFECTS

Anyone familiar with older versions of *Photogenics* will also be familiar with the 'gio' system of plug in loaders, savers and effects modules. Almathera have provided all the source code and advice necessary for anyone to create their own modules.

Some of the new effects that accompany *Photogenics 2* include a great fractal generator that suffers from one fatal flaw which is that although it gives you a great preview window showing what the fractal will look like, it a) draws the fractal scanline by scanline rather than 'rezzing' it in like other programs and b) you can't stop the rendering to concentrate on a more interesting area, you have to wait until it has finished rendering. And as we all know, fractals can take an awfully long time to render. Fortunately, there is a load and save facility for fractals whose location you know.

Strangely, selecting an effect from the effects menu causes the effects menu to disappear so that to change your mind and choose something else means an extra trip to the menu. The same thing also happens with the modes window which is definitely annoying. After all, these windows have close gadgets, or rather they don't. As I have just found out, that gadget in the upper left of the modes and effects windows isn't actually a close gadget, but a 'stick' gadget which keeps the windows open. How odd. On VERY close inspection of the documentation it turns out that these gadgets are part of 'Widget', Almathera's replacement GUI.

ANIMATION LOAD AND SAVE

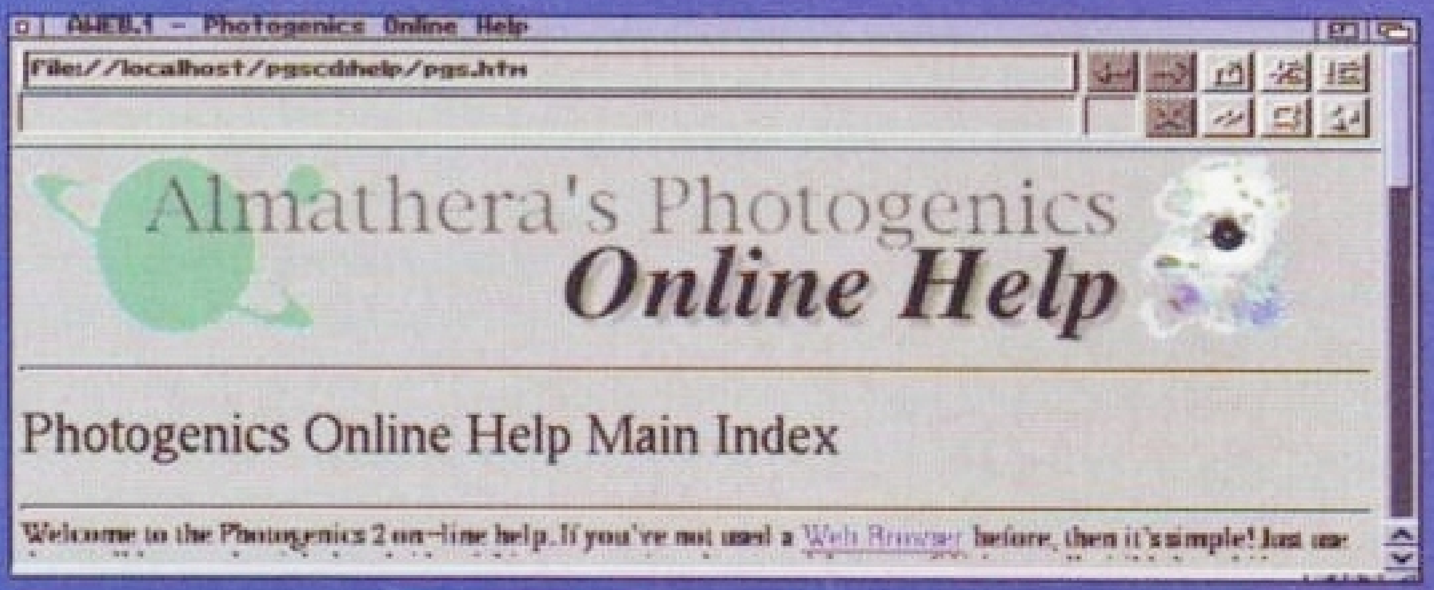
A very handy feature, especially in light of *Photogenics'* new ARexx support. The possibilities for automated editing of animations look very promising.

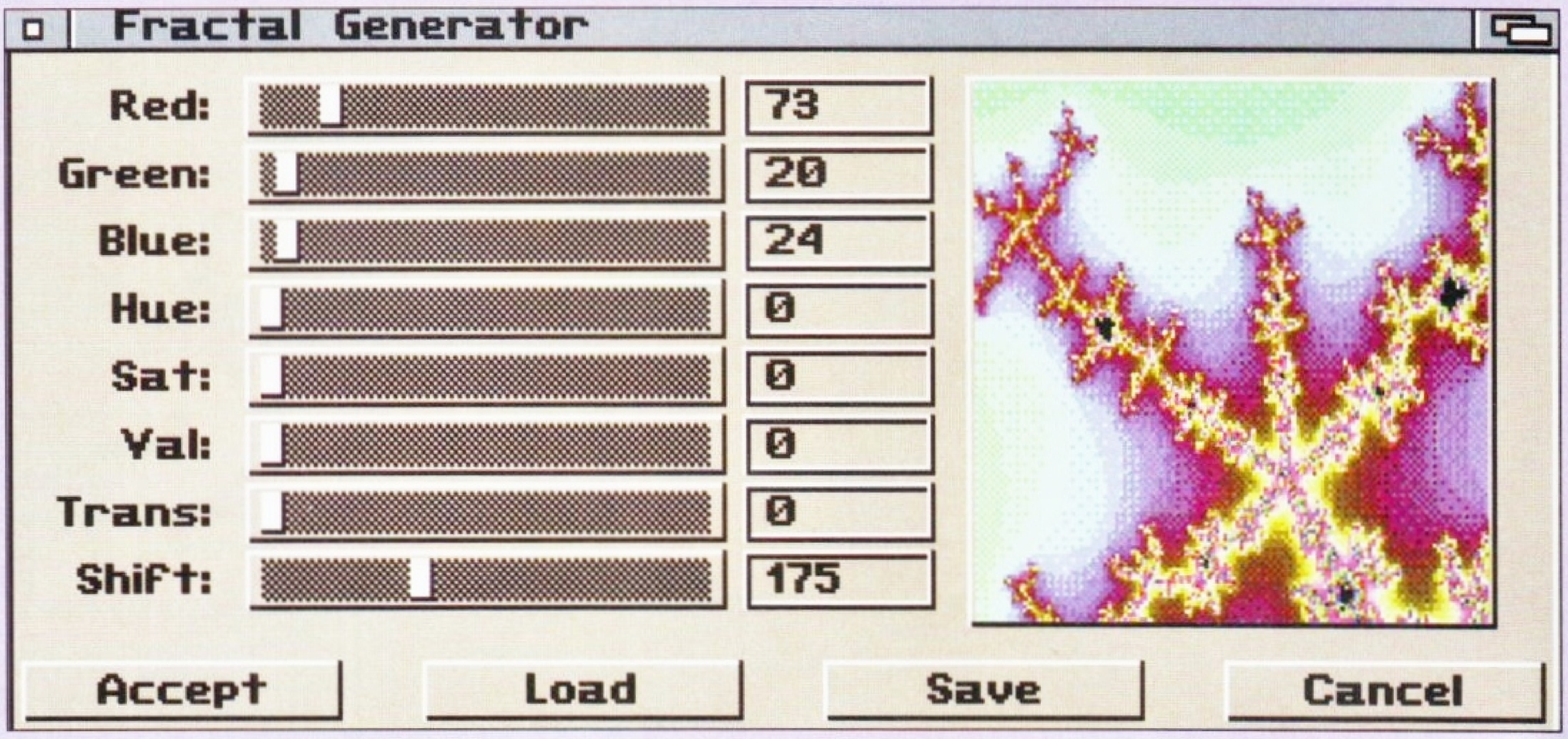
AREXX SUPPORT

I've just mentioned that haven't I? Well, practically everything in *Photogenics* can be controlled through ARexx. Very nice.

ONLINE HELP

As far as I'm concerned the jury's still out on whether this is an





function can also be used to make great alpha channel masks by simply painting over the areas you want masked and then moving the paintlayer to the alpha channel. This is only made possible by *Photogenics'* discrete layering system and there's nothing like it in any other paint package I've ever used – it's great!

In short, *Photogenics* has improved greatly. If you haven't already got this package then you should rush out and buy a copy now. There are a few problems, but then there always are and I'm sure that Almathera are already beavering away trying to improve the package yet again. A winner.

ABOVE: The new fractal effect is very nice, but also very slow.



RIGHT: *Photogenics'* palette mapping skills are superb as shown by this medley of images.

advantage or not. For a start you've got to use up valuable memory (particularly Chip RAM) in running a browser, secondly you can't have a flick through it while you're on the loo (unless, like our editor, you are sad enough to actually have a specially waterproofed Amiga in the smallest room), but on the other hand, an HTML-based manual does allow for full colour images at no extra cost, a definite boon when it comes to graphics packages.

LOAD AND SAVE PAINT LAYERS

There is no equivocation about this feature though. This is absolutely superb and allows effects not previously seen in an Amiga graphics package. The way paintlayers are treated also allows for saving transparent GIF files, which is very handy for web images.

LOADERS AND SAVERS

Photogenics' file functions have improved greatly too. For a start there is now the facility to save an IFF DEEP file including unfixed data so that you can pick up editing the image exactly where you left off. The unfixed data is tagged onto the file in such a way that other programs that read the IFF DEEP format can simply ignore the extra data.

The same also applies to TARGA file saves except for the fact that loading a TARGA image into another package results in the unfixed data becoming an alpha channel.

In addition to the interlaced GIF format you can now also save progressive JPEGs and the new PNG format making *Photogenics* ideal for creating images for use on the World Wide Web.

PHOTOGENICS V2

Distributor
Almathera

Price
£99.95

System requirements
Any Amiga with at least an 020 processor Workbench 3.x and hard drive. AGA machine or graphics card recommended.

Speed ●●●
Not as slow as earlier versions but still needs speeding up.

Manual ●●●
Depends on what you think of exclusively online documentation. Still well thought out.

Accessibility ●●●●
Photogenics' slightly odd way of working will confuse some initially, but once you understand the paradigm it quickly becomes natural.

Features ●●●●●
More features than a feature-packed thing.

Value ●●●●●
Only a hundred quid for a fully-fledged image processing package? I should say its good value.

"Much better than version one, but more speed would be appreciated"

89%

TREMBLE IN YOUR BOOTS.

IT'S THE...

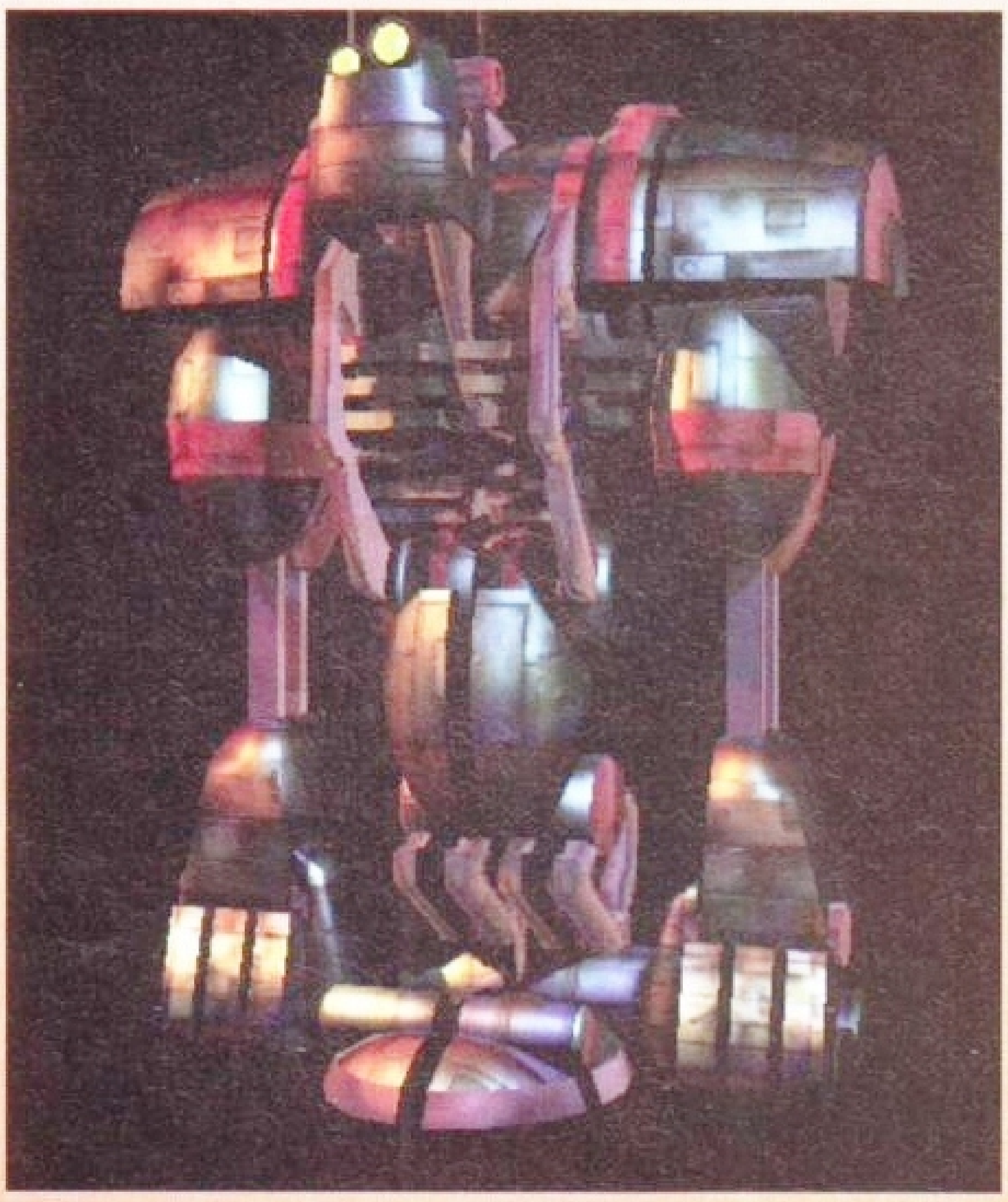
ULTIMATE AMIGA POWER ALL-TIME TOP 100.

THE 100 GREATEST AMIGA GAMES KNOWN TO MAN.
LISTED. IN REVERSE ORDER.

ONLY THIS MONTH IN AMIGA POWER,
ON SALE TUESDAY 23RD JULY.

ClariSSA *Pro*

It's taken a while to get here but Graeme Sandiford believes that Amiga animators will definitely find the latest version of *ClariSSA* well worth the wait.



This is just the sort of animation that ClariSSA eats for breakfast.

One of the things that the Amiga has been justly well-renowned for is its animation prowess. Not only does the Amiga have a selection of fab programs for making mind-blowing animations, it also does a damn good job of playing them back. There is no other affordable computing platform that can come close to matching the Amiga's animation abilities – not without spending a lot of cash on hardware add-ons.

Even so playing back animations is jolly hard work, and even a machine with the Amiga's substantial talents has its limitations. In most instances it's unlikely that the average user will encounter any problems, especially if they are sticking to creating cartoon-style animations. However, many a 3D-enthusiast has stared in slack-jawed disappointment as their action-packed animation plays back at about 5 frames per second.

There are things you can do to improve playback speeds. If you have a big box machine you probably dream about owning one of DPS's PAR (Personal Animation Recorder) cards. However at almost a grand, it's a dream that isn't likely to come true for most Amiga-owners. For most, the best they can hope for is to improve the playback of their animations by taking measures such as reducing camera movement and the resolution of their images.

DUAL PURPOSE

ClariSSA is a program from Germany that provided Amiga animators with a third option – software optimisation. However *ClariSSA* did more than simply improve the playback of animations, it also doubled as an animation editor by giving you extensive control over the frames in the animation.

Now, after a year-and-half wait, *ClariSSA Pro* has finally been translated into English and will certainly provide even more Amiga-animators with a reason to smile inanely at their computer's screen.

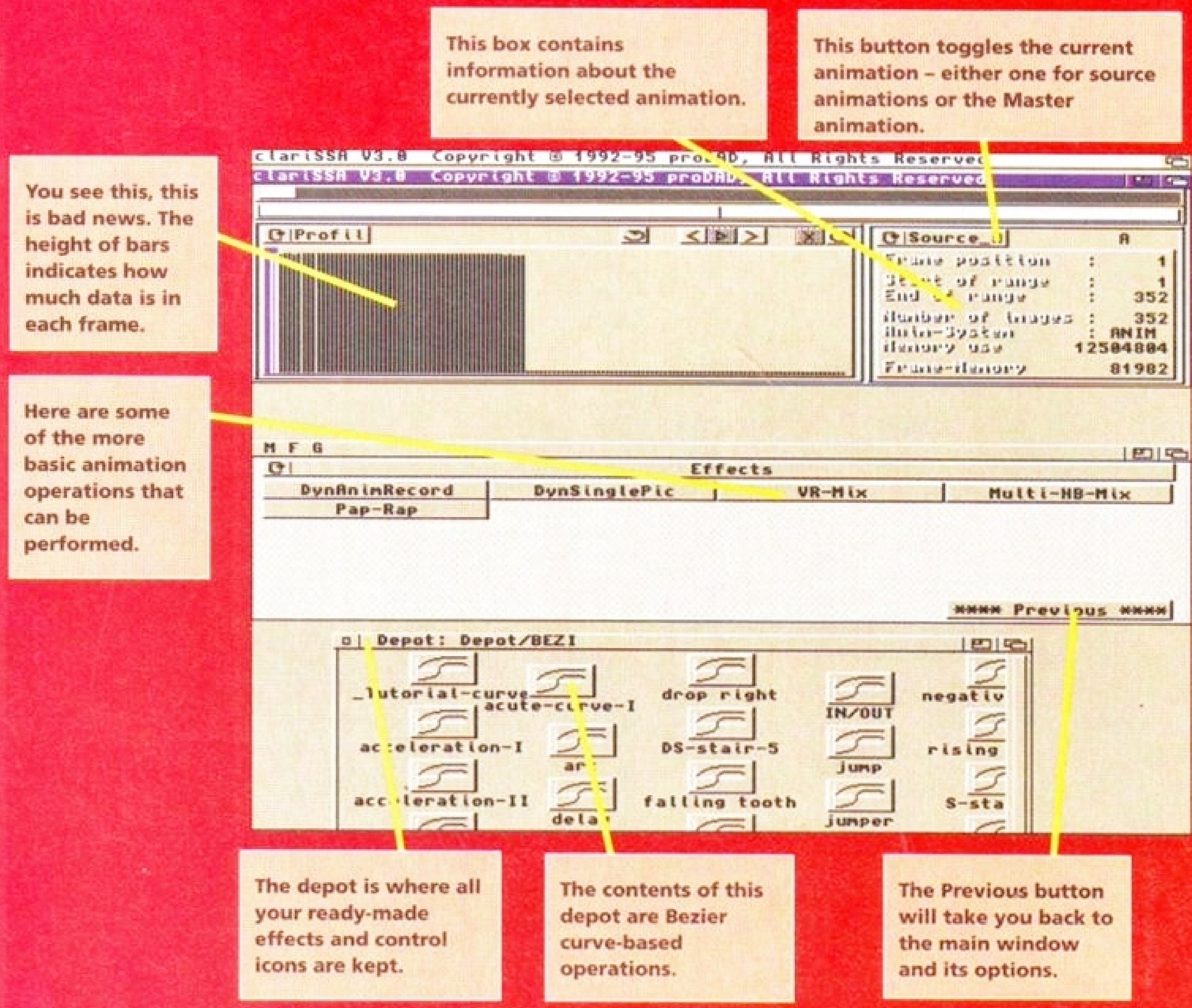
As torturous as it has been, *ClariSSA Pro* appears to be worth the wait. Most people were overwhelmed by the number of features in the original program, but *ClariSSA Pro* makes the previous version look positively simple. There are more features and tools than most people would have thought could possibly reside in a single program.

Despite the addition of so many new features you would be hard pushed to notice the differences between *ClariSSA Pro* and the previous version just by looking at the interface. *ClariSSA Pro*'s interface is built around a highly configurable window system. This has the advantage of enabling you to have as many, or as few, windows open as you want. Where applicable the windows have cycle-gadgets so that you can access several sets of tools from within the same window.

However, while this system has plenty of advantages and, given the number of features that need to be

Continued overleaf ➡

TAKE CONTROL OF YOUR ANIMATION





enable most 3D-animators to add all the panning and zooming in and out camera motions without fear of horrendous slow-down. While the artistic benefits of this might be questionable it certainly enhances the playback of most animations, although you may find that your animations playback too quickly!

Not content with simply improving the speed of the SSA format ProDad have also introduced a format call SSAd. This new format can be used to playback animations directly from disk and as you might expect it's fast at doing it – faster than an anim5 played from RAM. This means that the length of the animations you can playback is limited by your available disk space, rather than how much RAM you have.

Another gem that is served up in *ClariSSA Pro* is Multi-Anims. That's what the program calls the feature that enables the mixing and matching of animations of different formats and characteristics – different colour palettes, screen resolutions or offset positions. Ordinarily, if you tried to do this in previous versions of the

ABOVE: Be deceived no more – this is how ClariSSA's really look, but when played quickly you won't notice.



RIGHT: Even animations with loads of separate moving elements are no match for ClariSSA's SSA format.

crammed in it's possibly the only way that it could work, it also has its disadvantages. For example you occasionally have to slog your way through a series of cycle-gadgets to get to the tool that you're after. Although you can get around this through good use of the program's menus, it can be initially quite difficult to know where to look. This is only a minor grumble though and it shouldn't take you long to familiarise yourself with where everything is.

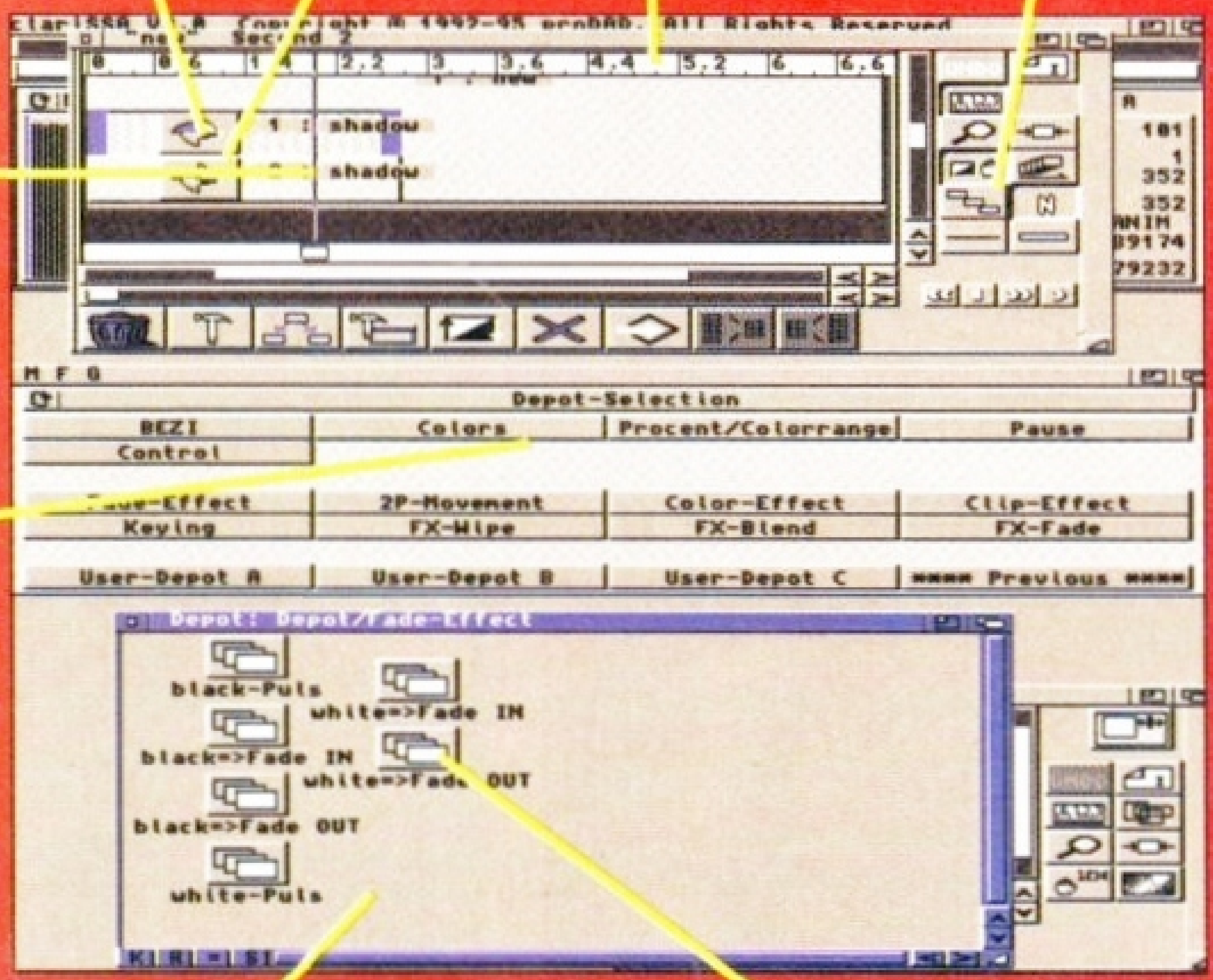
The secret of *ClariSSA*'s success is not to be found in its interface, rather it lies in the seemingly odd capitalisation of its name. SSA stands for Super Smooth Animation, and if you ever have the pleasure of seeing a SSA animation you'll understand why. After an animation has been processed and then saved in SSA format it will play back smoothly and at about twice the speed.

CUNNING PLAN

The reason for this is most ingenious and decidedly cunning – each frame is halved and played back quickly enough to convince the eye that it's seeing one image instead of two. Using this method it's possible to achieve playback speeds of up to 50fps which is more than sufficient for most video work. However, while this technique is more than adequate for most people's needs, it isn't perfect. Some users, most likely those using the program professionally at high resolutions with lots of colours, have apparently experienced problems with halting frames. To solve that problem ProDad have created High-end SSA.

Incredibly, this new format is 80% faster than SSA, which should cure most people's problems. This should

ADD SPECIAL EFFECTS



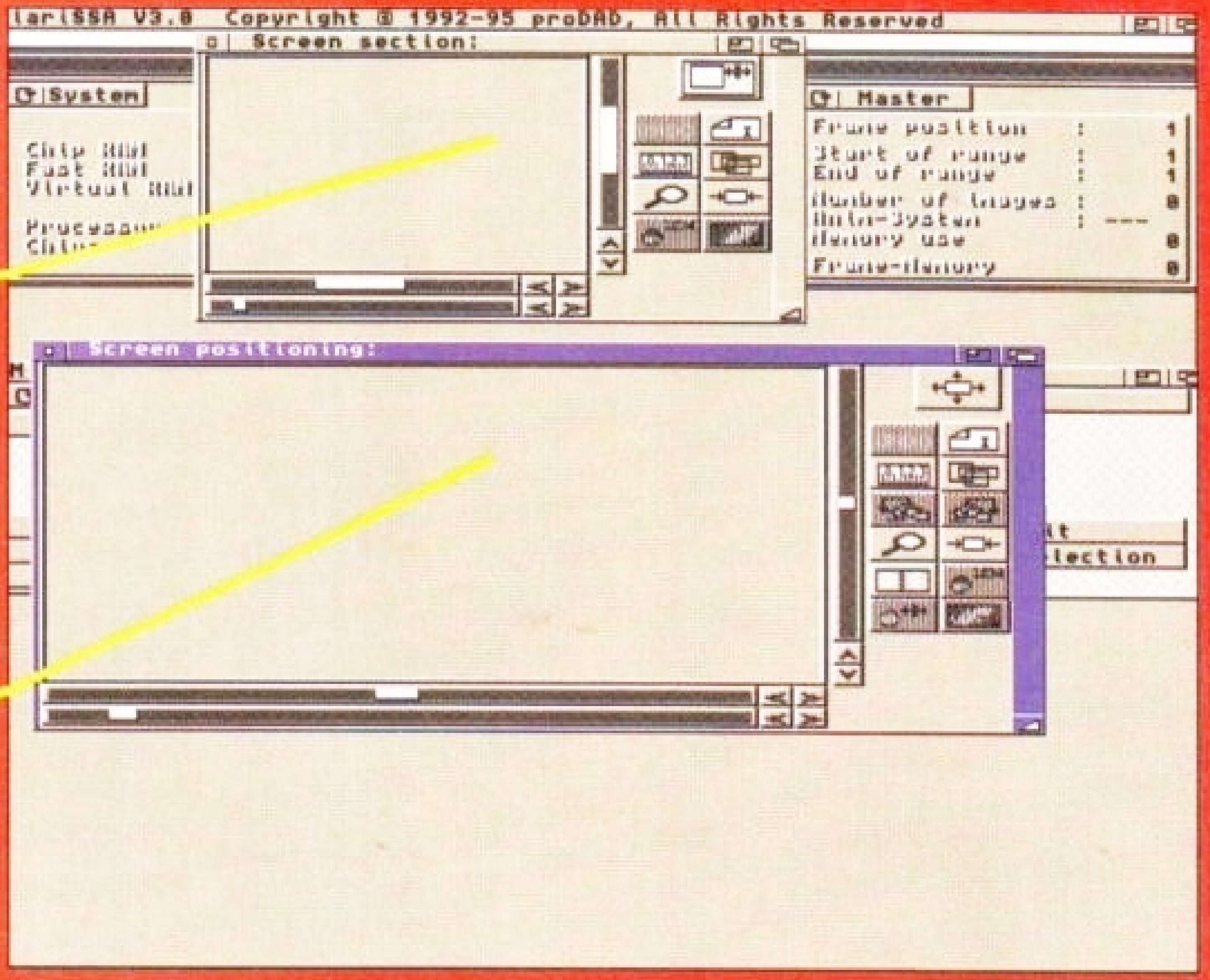
program, when it came to playing back the animation it would stop for a while to make the necessary adjustments. Not so with Multi-Anims – they switch smoothly from one format to another. This is especially useful if you are trying to combine animations from different sources such as video and raytraced or line art and video.

Well, those are *ClariSSA Pro*'s animation playback-enhancing features and these alone would be enough of a reason for some people to buy the program, but *ClariSSA Pro* has even more to offer. The program can also provide you with extensive information about your animation so that you can analyse it and even get a more exact idea of what will happen when it's played so that you can spot potential problem frames.

As well as providing in-depth and accurate information the program can also give you precise control over the animation and add different effects. Admittedly getting the results you are after can be a bit difficult, but once you are on the same wavelength as the manual things can become quite straight-forward.

One of the features that will appeal to professionals that aren't interested in playing around with fancy effects, is the Bezier control system. This can be used to control and optimise the performance of an animation by manipulating a Bezier curve. The process can be a little confusing though, and is best left to the experts who are trying to fine-tune their animations.

MOVE THAT ANIMATION



If you are looking to crop in on a section of an animation this is the place to do it.

Sometimes you may not want the animation to be centered on the screen. At these times you can use the screen positioning window to move it around the screen.

MYRIAD OF TOOLS

Aside from this feature there are a myriad of other useful tools which can be used to perform all manner of features. While it might be argued that several of the functions of the tools are not unique, and the same results might be accomplished through good use of an image processor, you'll never find such a varied selection in one place.

ClariSSA keeps its special effects in depots or groups and they are divided into; Fade-Effect, 2P-Movement, Colour-Effect, Clip-Effect, Keying, FX-Wipe, FX-Blend, FX-Fade and up to three user-defined depos. The depos can be used to do anything from making a simple palette change or fade to clip-based effects and video-titling wipes. The depos are essentially a window containing icons that can be dragged-and-dropped onto a section of an animation and you will be prompted for the frames that are to be affected.

Other important features include some advanced palette manipulation, memory management, importing images straight from MacroSystem's Vlab cards, optimization routines and tons of macros as well as a healthy share of ARexx commands. It's these last two features that are going to ensure the program's future as a large number of the program's new features have been added in this way – not to mention the existing ARexx macro to link up with *ADPro*. Hopefully as more people get to grips with this excellent package, we may see even more wonderful new features appearing perhaps in the Public Domain.

There are only two things to grumble about with *ClariSSA Pro*, one is the interface which I've already mentioned and the other is support for a few more image and animation formats. While it is possible, if you have good understanding of ARexx and both *ClariSSA* and *ADPro*, to create a macro to do this it would be much more convenient to have support for formats like FLI and JPEGs.

AMIGA FORMAT GOLD



Even animations that involve a lot of camera movement can be speeded up considerably.

ClariSSA Pro

Distributor
Contact 0049 2206 82728

Price
449DM (approximately £200)

System requirements
1Mb RAM and WB1.3

Speed ●●●●●
There is a section of the manual on how to slow-down playback and it's there for a good reason!

Manual ●
The manual can be a real nightmare to get into and is quite tedious in places.

Accessibility ●●●
The interface takes some getting used to, but it's really as good as it could be.

Features ●●●●
The only feature that could be considered missing, is support for more formats.

Value ●●●
The price of around £200 puts this program firmly in the professional price range.

"If the mighty skills of ClariSSA weren't enough for you, then you'll be glad of this version"

91%

GASTEINER

TEL: 0181 345 6000 FAX: 0181 345 6868

18-22 Sterling Way, North Circular Road, Edmonton, London N18 2YZ

Open Monday to Saturday 9am to 6pm

MEMORY SIMMS

Lowest prices guaranteed for SIMMS for A4000, Viper, Apollo, Magnum, Hawk and many other cards – Phone for details today!

72PIN 32BIT

2MB £39
4MB £44
8MB £79
16MB £179
32MB £359

30PIN 16BIT

1MB £15
4MB £70

Limited stock so hurry! For FPU see our offer!!

ACCELERATORS

Lowest prices guaranteed.
Viper, Apollo and many other cards – Phone for details today!

VIPER

	28MHz	50MHz
0MB	£119	£199
4MB	£163	£243
8MB	£198	£278
16MB	£298	£378

BLIZZARD 1230

	50MHz
0MB	£189
4MB	£233
8MB	£268
16MB	£368

APOLLO

	28MHz	50MHz
0MB	£95	£199
4MB	£139	£243
8MB	£174	£278
16MB	£274	£378

Apollo 040 coming soon – Ring for price!
Very limited stock so hurry!!
A600 Accelerator £99

MODEMS

MOTOROLA 28.8 FAX & MODEMS £149
Limited stock only
NOW WE ARE SURFING!

PRINTERS

EPSON

COLOUR II £199.00
COLOUR IIS £243.00
PRO XL-A3 ....£1009.33
STYLUS COLOUR II £339.58
PRO A4 ....£457.08

HEWLETT PACKARD

320 ....£198.58
660 ....£299.08
850C £486.58

FPU MATHS-COPRO

FPU INCREASES SPEED ON AMIGA RAM CARDS & ACCELERATORS

28MHz £20
33MHz £33
50MHz £69

Buy FPU with any of our RAM cards & get FPU for half price

RAM EXPANSION

Lowest prices guaranteed.

A1200 RAM CARDS

WITH CLOCK & FPU SOCKET

2MB £89
4MB £94
8MB £149

A600 RAM CARD

1MB £20
1MB WITH CLOCK....35

A500 RAM CARD

0.5MB £15

A500 PLUS RAM CARD

1MB £20

MONITORS

MICROVITEC 1438 ....£259
SAMSUNG 15" £319
SAMSUNG 17" £519
SONY 15" £399
SONY 17" £679
GASTEINER 14" £299
GASTEINER 15" £379
GASTEINER 17" £469
VGA Adaptor needed.

CARTRIDGES

SYQUEST CARTS

	EX VAT	VAT	INC VAT
44MB	£25.00	£4.38	£29.38
88MB	£27.95	£4.90	£32.85
105MB	£25.00	£4.38	£29.38
200MB	£42.95	£7.52	£50.47
270MB	£39.95	£7.00	£46.95
EZ 135	£13.50	£2.37	£15.87

ZIP CARTS

100MB	£10.50	£1.84	£12.34
JAZZ 1GIG	£POA	£POA	£POA

REMOVABLE MEDIA

SYQUEST – *INTERNAL & EXTERNAL*

88MB EXT. £233.83
200MB EXT. £351.33
270MB INT. £269.08
270MB EXT. £351.33
EZ 135 EXT. £163.32

IOMEGA

ZIPP 100MB £163.32
JAZZ 1GIG INT. £445.33
JAZZ 1GIG EXT. £480.58
SCSI Card or Squirrel is needed to run SCSI devices on Amiga

CD-ROMS & CD WRITERS

CD-ROMS

NEW 2 SPEED £116.33
NEW 4 SPEED £198.58
NEC 6 SPEED....£351.33

CD-WRITERS

PINNACLE £739.07
RICOH 2 SPEED £927.08
SCSI Card or Squirrel is needed to run SCSI devices on Amiga

HARD DRIVES

IDE 2.5" HARD DRIVES *FOR A600, A1200, SX1 & SX32*

40MB £45
60MB £60
80MB £69
120MB £89
170MB £99
210MB £109
250MB £119
340MB £129
540MB £189
800MB £249
Complete with software and cables

STOP! & THINK

Do you really want someone to install Workbench & 100MB of Public Domain software, and charge more for it?...

... Buy from us and save money!

3.5" SLIM IDE HARD DRIVES *FOR A4000 & A1200*

540MB £139
850MB £159
1.3GIG £179
1.6GIG £199
2GIG £289
Complete with software and cables

SCSI HARD DRIVES

100MB £49
540MB £139
1GIG £219
2GIG £399
4GIG £799
EXTERNAL SCSI CASE WITH POWER SUPPLY £59
SCSI Card or Squirrel is needed to run SCSI Devices on Amiga

SCSI CARDS

FOR A600 & A1200

SQUIRREL £50
SQUIRREL SURF £95
SQUIRREL MPEG £195

FOR A1500, A2000 & A4000

OCTOGON 4008 ....£99
SCSI Card or Squirrel is needed to run SCSI devices on Amiga

WE ALSO SELL MANY CONSUMABLES - PHONE FOR DETAILS

DELIVERY CHARGES

Small consumables and software items under the value of £59 please add £3.50 P&P. Other items except lasers, courier service £10 per box. Off-shore and Highlands: please call for a quotation. In addition we offer the following express services: Saturday delivery – normal rate plus £15 per box; morning, next day – normal rate plus £10 per box. E&OE. Prices are subject to change without prior notice. All trademarks acknowledged. Worlwide delivery available.
Government and major plc purchase orders welcome.
Trade enquiries welcome.

TEL: 0181 807 2000

Workbench

Life is full of mysteries and the Amiga is certainly no exception. Graeme Sandiford knows all about the quiet strength and willfulness of his favourite machine. So, send your queries to Workbench, *Amiga Format*, 30 Monmouth Street, Bath, Avon BA1 2BW.

LOST DISK

I have recently bought a second hand Amiga A600. It's in absolutely mint condition but I have a major problem; two days after I purchased it I lost the Workbench disk (version 2.05). I have the fonts and extra programs but with the main disk lost these are useless. Could you tell me where I can get a replacement.

I don't know anybody else with an A600 so I am really stuck because I can't do much without it. Please help!

Hugh Jones
Mid Glamorgan

Argghh! The first thing you should do with the Workbench disk is back it up, not lose it. Contact your local Escom store and see if they will sell you the necessary disks.



The Amiga is not much use to anybody without the Workbench disk – make sure you back it up.

CHEAP AND SEEDY?

I've managed to get my hands on a brand new quad speed IDE PC drive for £50 with a cable supplied to connect it to a PC. I have an A1200 with an external PCMCIA Zappo 250Mb hard drive, external disk drive and a Citizen's ABC printer.

1. Is it possible to connect the drive to my system with the supplied lead?
2. Will the drive, when working, be as good as a more expensive Amiga drive? By that, I mean that once I have bought the software will it be able to emulate the CD^{32}, run the games and be able to display Kodak PhotoCD pictures and so on.



Believe it or not, you can emulate the CD^{32} console on an AGA Amiga with the relevant software.

3. Will the drive interfere with the hardware that I have got or any accelerators that I might possibly get in the near future?
4. I have also noticed that you can get modems for the PC which are cheaper. Would it be possible to use them with my system?
5. Lastly, on your archived Coverdisks you have the option to de-archive them to hard drive or to floppy disk.

When I choose hard drive and type in the name partition where I want the stuff installed the disk doesn't recognise my hard disk. I usually type in "AQ1:" which is the name of the partition that I want to use.

I've checked that it is spelled correctly and that it is definitely the name of my partition. The disk is autobooting and I only have two partitions AQ0: and AQ1:. What is wrong and how do I solve this?

Alan Walsh
Glasgow

1, 2 and 3. You can connect IDE CD-ROM drives to Amiga A1200s, but you will need a specific cable to allow the 2.5"-style connector in the A1200 to be used. You'll also need special software in order to drive it, and this will provide CD^{32} emulation and PhotoCD compatibility. Contact Blittersoft for more details on 01908 261477.

As the IDE interface is used there should be no problems with any other hardware.

4. There is no difference between PC and Amiga modems, as long as you are referring to the external

Continued overleaf ➡

HEADS AND TALES



My first and most frustrating problem is with the demo of *Blitz Basic 2* you gave away on your Coverdisk. However much I try, I can't create an executable file. I get a file requestor, state a filename, but get no subsequent disk activity.

I haven't got the relevant magazine so I couldn't find out whether this option is disabled. If it is, is there any way I can extract the code by using the 'save memory' on my Action Replay cartridge. If you could point me to a memory address I could try to save the code out.

My second problem is with read/write errors. I'm not sure whether this is common but I often get a r/w error on 'disk block 880' for no apparent reason. It does this with old or new disks and I have checked all my disks for viruses and always keep one resident. It does it with both my internal and external drivers so it isn't a drive error. Please help me as my DiskSalve is exhausted from overuse.

Philip Underhill
Leamington Spa

The version of Blitz Basic 2 which was given away is a demonstration version, as detailed in the relevant issue of AF. It won't compile executable files, and cannot be made to do so.

Using an Action Replay won't work, so don't even waste your time trying. You'll have to buy the complete package, which includes a version of the Blitz compiler which will create 'stand alone' executable files and comes with a full manual as well.

I assume you always keep a Virus Checker program resident, rather than a virus! Although the errors happens on both drives, it does sound as though the problem is caused because you are using faulty disks, or the read/write heads of the drives are dirty. Always use good quality disks, and buy a floppy disk cleaner.

versions: internal modems won't work unless you have a 'Big Box' Amiga and a bridge board of some description. Amiga modems are usually the same as the PC packs but with some extra PD or shareware software added: although HiSoft have just released an Amiga specific modem/software pack which includes Internet access software.
5. This is a bit of a tricky one. Can you open a Shell window when the Installation process is about to start? If so, you should be able to enter a command such as 'Assign DH1: AQ1:' which may fool the installer into using the rather non-standard names which the Zappo insists on.

C128 LIVES AGAIN!

I own the following computer equipment; a Commodore 128 Computer, a Commodore 1571 five and a quarter inch double sided disk drive and a Philips CM8833 Monitor. My son has an Amiga 1200 and I now wish to upgrade to the 1200 and therefore want to ask the following questions:

Is there an Amiga 1200 to C128 emulator? How can I use the 1571 disk drive on the 1200 to load data? How can I copy five and a quarter inch disks to three and a half inch disks, as I have a vast amount of data such as letters and database files?

Mr. R.V. Wilson
Liverpool

I wasn't able to find a C128 emulator for the Amiga, although there are several C64 emulators. I was likewise unable to find any way of connecting what is a very slow and out-dated disk drive to the Amiga. The only glimmer of hope is that I found a program called Over5 *which can move data from a C64 to the Amiga. As the C128 is partly a C64, you might be able to move your files in this way.* Over5 *is available from the Aminet (CD-ROM or Internet site) or from a PD Library.*

TOWER OF POWER



The Canon BJC-610 – as recommended by *AF* and appreciated by many of our readers.

I am so glad that I took your advice on buying the famous Canon BJC-610 printer as my Amiga is now in LOVE!... – but still not complete.

That's why I decided to write to you and get some advice on buying a Tower system with a CD-ROM drive and an extra hard drive for my A1200.

I am buying a SCSI interface for my Viper Mk2 so I am planning on using that rather than the PCMCIA slot and I need CD32 emulation for all my neglected games.

Do you have any ideas on what would be the best to buy? I have an A1200 with 340 Mb hard drive and Viper Mk2 4Mb extra ram and the other external peripherals.

Also where can I get a good size 15 inch monitor which can handle down to 15kHz?

Erol Ismael
Essex

You don't really need a Tower case as such: you might be better asking a PC dealer for an external double five and a quarter inch drive bay case, fitted with a power supply and SCSI connectors. That way you can connect the SCSI interface from the Viper to this miniature tower and fit a CD-ROM drive and a hard drive. Alternatively, a company such as HiQ will be happy to discuss how their PowerStation can be adapted to use your SCSI interface.

As far as software goes, you'll only need the AsimCDFS3.0 driver package which is distributed by Blittersoft. This includes the CD32 emulation and lots of other goodies too.

A 15 inch monitor which syncs down to 15kHz? I don't think there is such a beast. AT announced a 17" monitor which syncs this low, but I've yet to see it. When I do, I'll tell you what it's like – that is if they can wrestle it from my vice-like grip.



Can't get a decent picture? It may not always be the fault of your monitor.

SYNCING CHIP

Recently I became an owner of an A1500, for the second time I might add. This one has the ECS chipset and Kickstart 2.04 which is much better than the first A1500. My problem is with the variable Sync Monitor that I wish to use with it. The monitor works well with the VGA output from PCs. It's OK with Archimedes and Atari's at all resolutions, but not with the Amiga: why?

To say that the variable sync monitor does not display is not true, what is shown is fuzzy on the right hand side of the characters but fairly clear on the left side (not right and left side of the screen, but the Alpha-numeric characters). I would be very grateful for any help in solving this problem.

P.M.Volsing
Cambridgeshire

I'd guess that the monitor needs a little fine-tuning to suit the Amiga's output. Some Amiga's can seem to produce an output which is slightly darker than other systems. This could help to produce the lack of clarity which you are seeing.

The best thing to do is take the monitor (and the Amiga) to a local TV repair shop, where the engineer should be able to whip off the monitor's casing and then twiddle with the settings to try and improve the picture quality.

DRIVING ME NUTS

I am a dedicated Amiga user but I had to box my machine away 18 months ago. I have now set it up again but am a little confused as I've lost touch with the Amiga scene.



Remember that any drives fitted to the A1200 internally are IDE, not SCSI.

My system is : A1200, 2Mb memory 120Mb internal Connor (SCSI) hard disk and one external drive.

1. In my local papers, people are selling CD32's



The Squirrel, and now the Surf Squirrel, are almost a *de facto* standard for A1200 SCSI connections.

for about £80 with a few games. In the *AF85*, there's an advert for a connection kit for the CD^{32} to A1200. I would like to know where the kit plugs into the A1200, the reason being, I've seen an advert for the Apollo 1220 accelerator, which plugs into the trap door. Are they all compatible .Or would I be better off buying a different CD-ROM?

2. What is a "Squirrel interface"? Where does it plug in and is it compatible with the items in problem one?

3. When I turn on my machine, one in every 10 times the hard disk light stays on. It spins like mad and it takes two and a half to four minutes for Workbench to load. This happened from new and I've found that this file (DHO:L/disk validator) keeps on corrupting.

I've tried every virus checker/killer I can get but they always come up empty. I have to wait for the disk to stop spinning before I can copy the file from my original Workbench disks and then it works alright for a while.

HELP! I've got no idea what to do now. I've tried everything I can think of. It even spins and goes mad if I put in an autoboot disk. (still once every 10 or so times though). I'm worried that one day it'll just keep on spinning and never stop!

Tim Price
South Wales

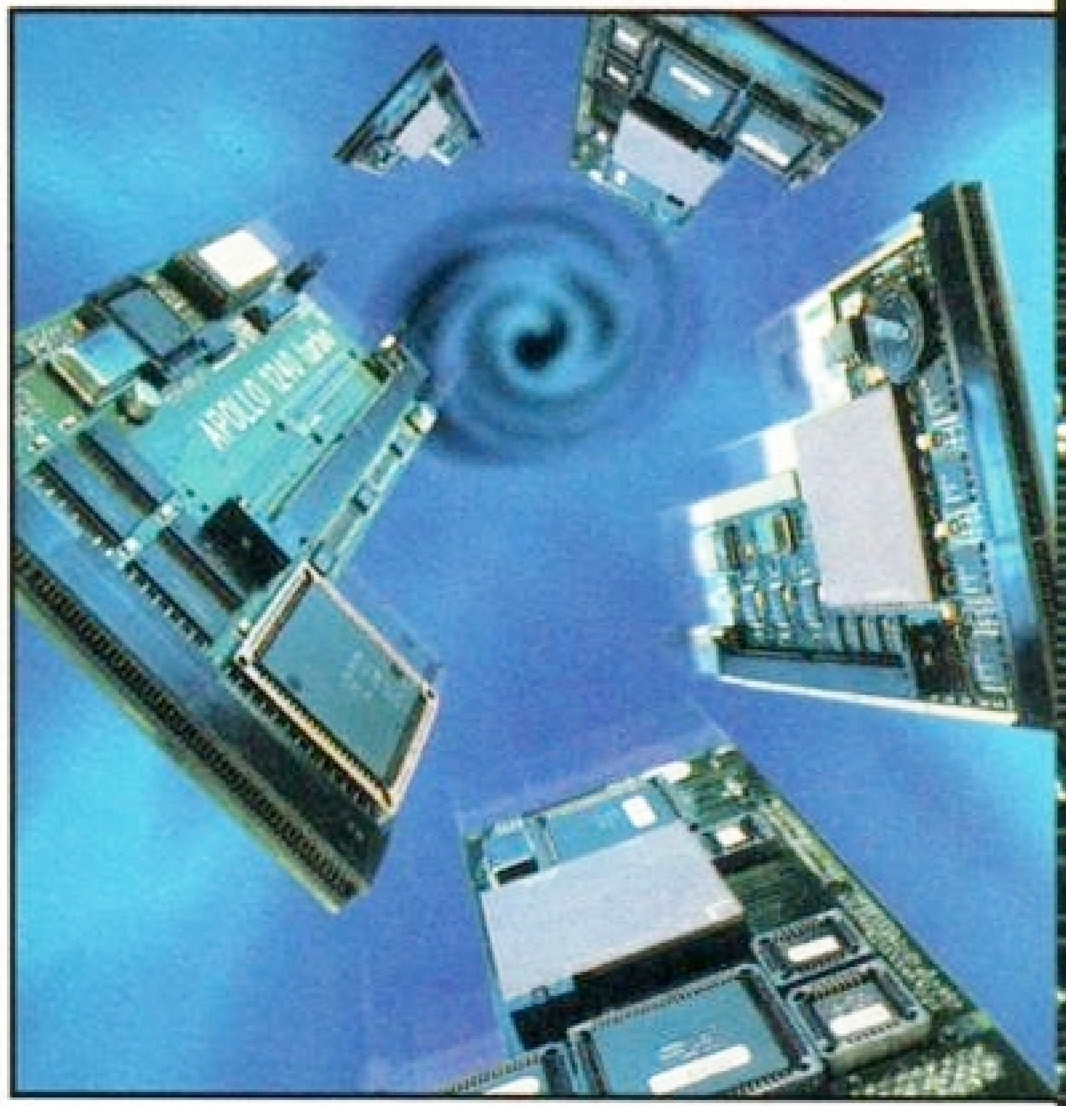
First of all, any drives fitted internally to the Amiga A1200 are IDE, not SCSI. HDToolbox *and other software may report that they are SCSI, but they aren't, they are IDE.*

1. Links to the CD^{32} are (not surprisingly) of most use to users who already own both a CD^{32} and an A1200 or other Amiga. The hardware makes use of the Amiga's serial ports and so other peripherals will not interfere with it. However, it's not stunningly fast and if possible a CD-ROM drive connected via an interface such as the Squirrel will give much better results.

2. Oops, pre-empted myself there. The Squirrel is a SCSI interface which connects to the card (PCMCIA) slot on the A1200. It allows SCSI compatible peripherals such as CD-ROM drives and hard drives to be used, and it's nice and quick too.

3. The hard drive is definitely developing a fault (and hence it needs to be validated) but the cause is hard to pinpoint exactly. It could be several things, and if possible I would back up important data to floppy at your earliest convenience.

The drive itself could be to blame, although I would also check for a loose IDE cable (the cable connecting the hard drive to the Amiga's motherboard) and a defective power supply. The other possibility is that you are switching the Amiga off when it is accessing the drive: never switch off the power when the disk access light is lit.



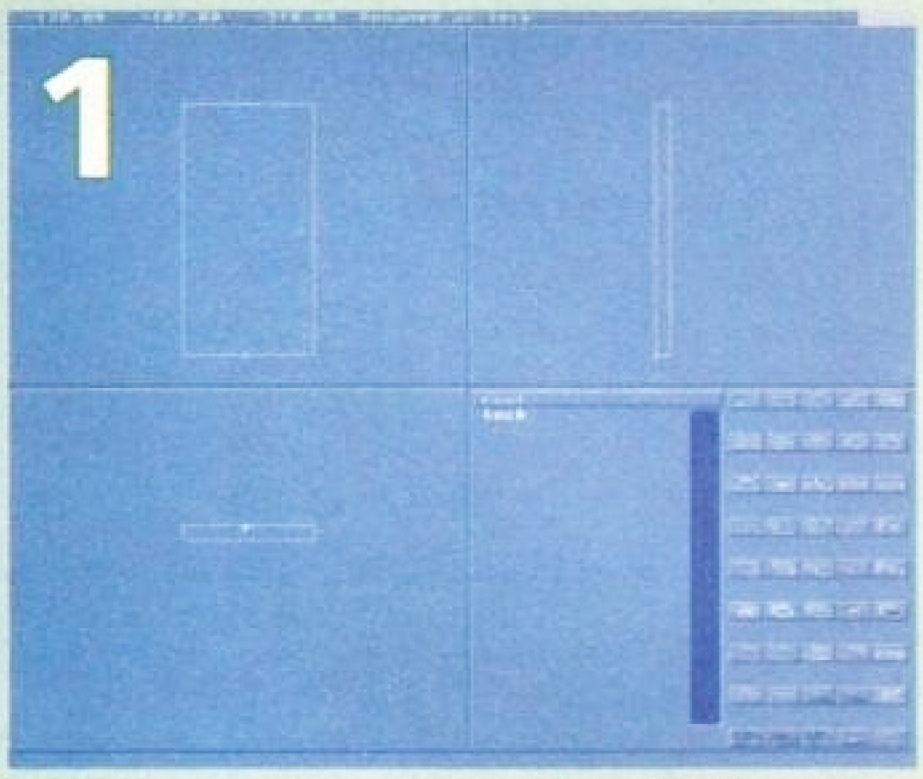
A full test of accelerator cards for the A1200 appeared in Amiga Shopper, issue 64 (July).

Continued overleaf ➡

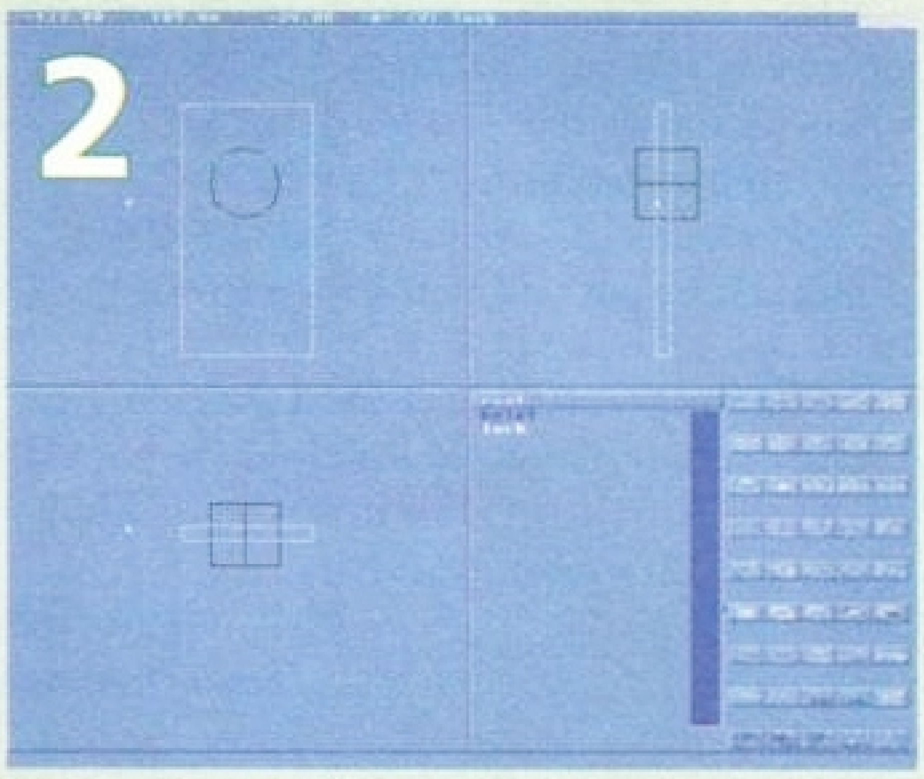
REAL MESS

I've got myself into a real mess with *Real 3D v1.3* and I just can't work out how the "AND" and "AND NOT" tools work. Could you explain them to me? I'm trying to create a keyhole in a door and I just can't suss it out.

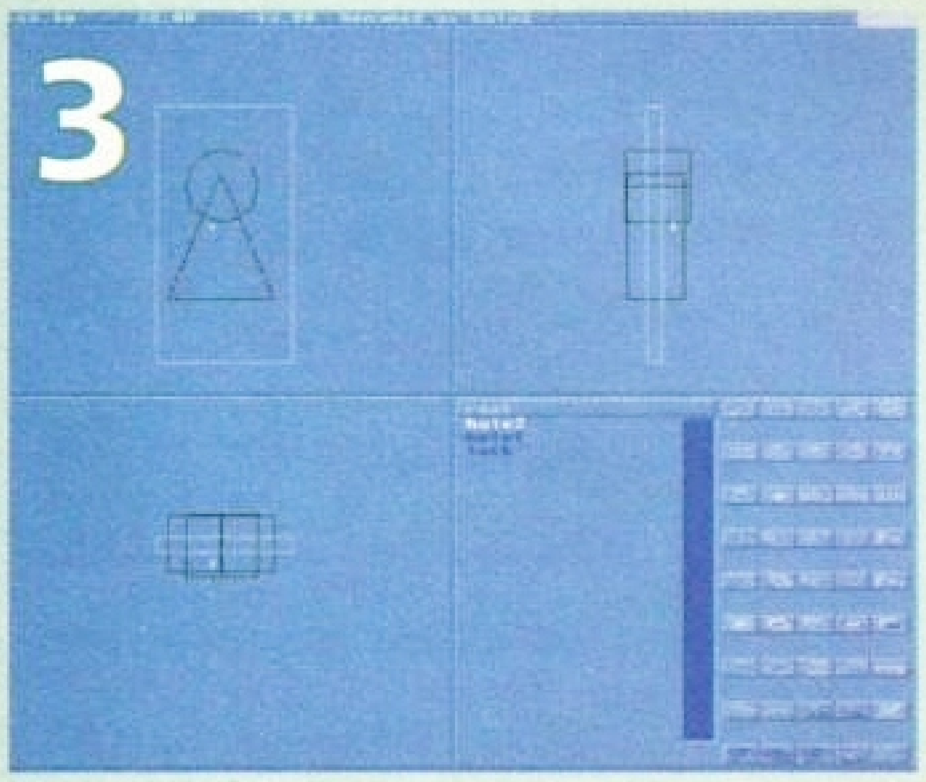
Brian Lloyd
Dorset



Firstly you need to create the lock into which the keyhole is going to appear.

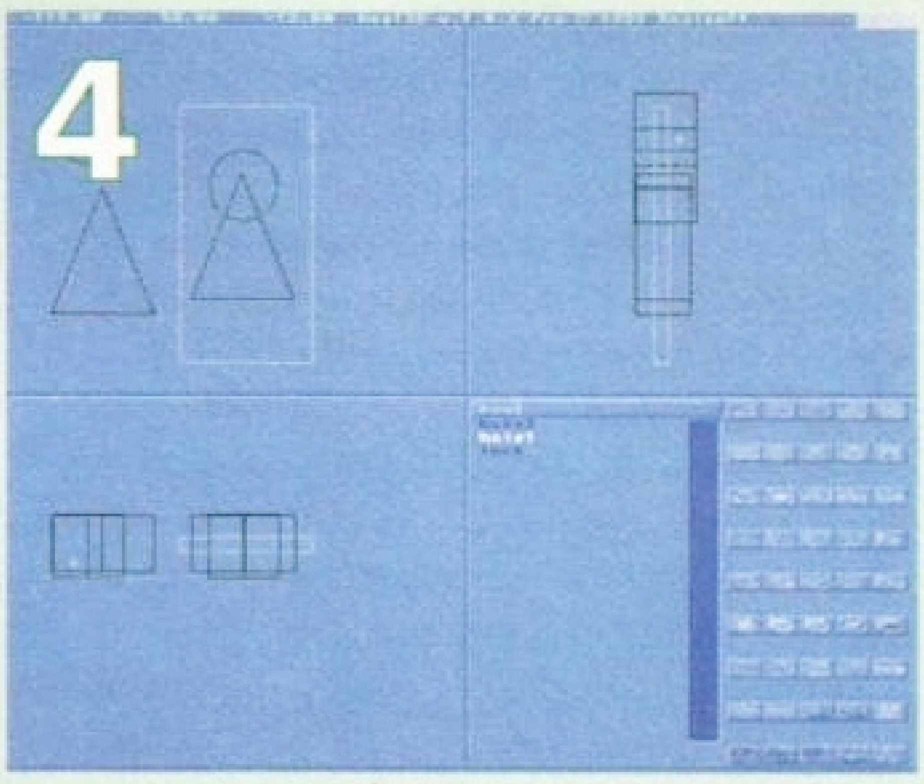


Then create a cylinder and place it through the lock. This is the first hole that makes up the keyhole.

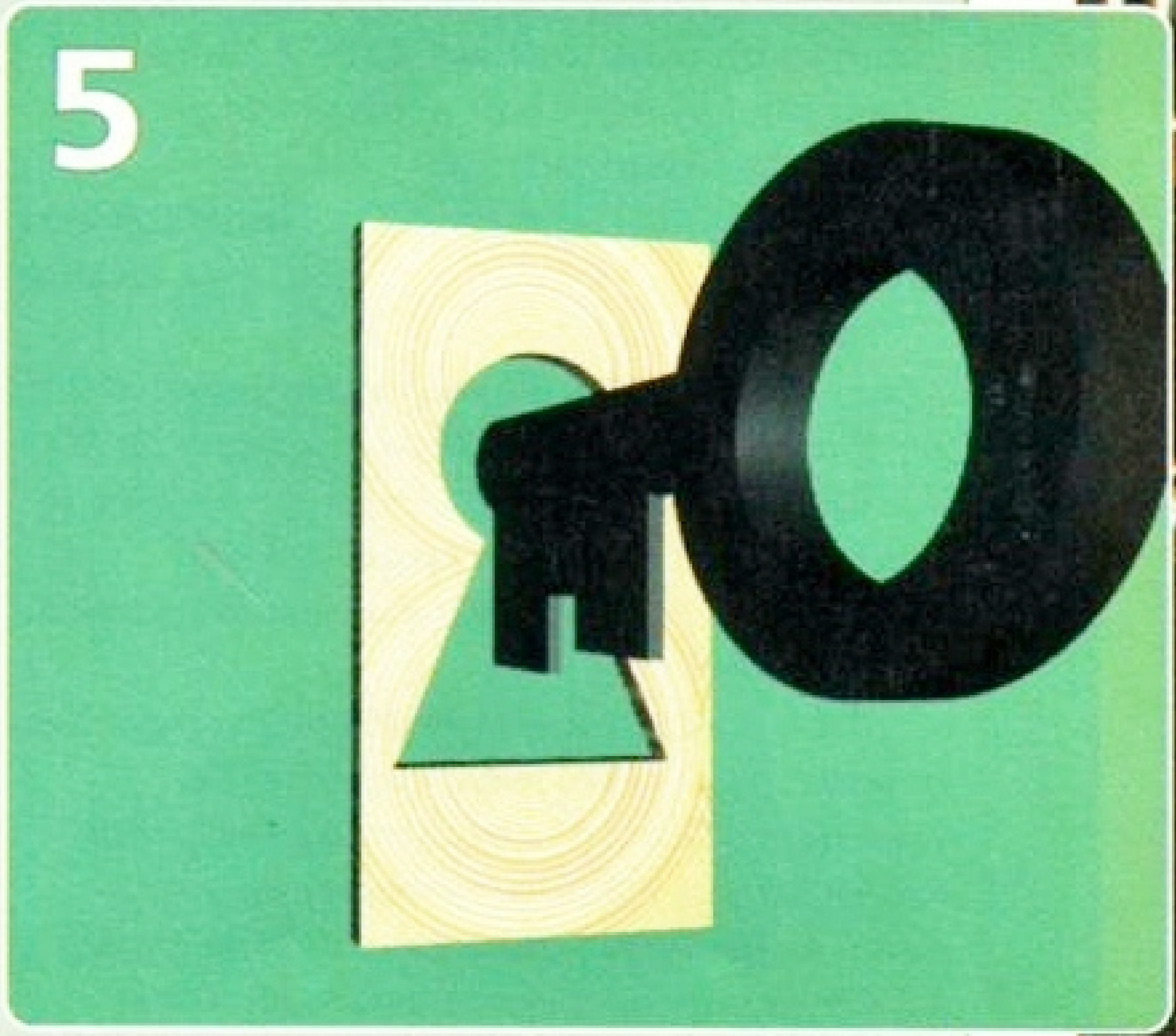


Create a prism, and place it through the lock too. This is the second hole which makes up the keyhole. Highlight the first hole. This is the "tool" which you are going to apply to the lock to make the hole.

Now select the modify tool "AND NOT", and select the lock. This will cause the hole to be "taken away" from the lock. Do exactly the same with the second hole.

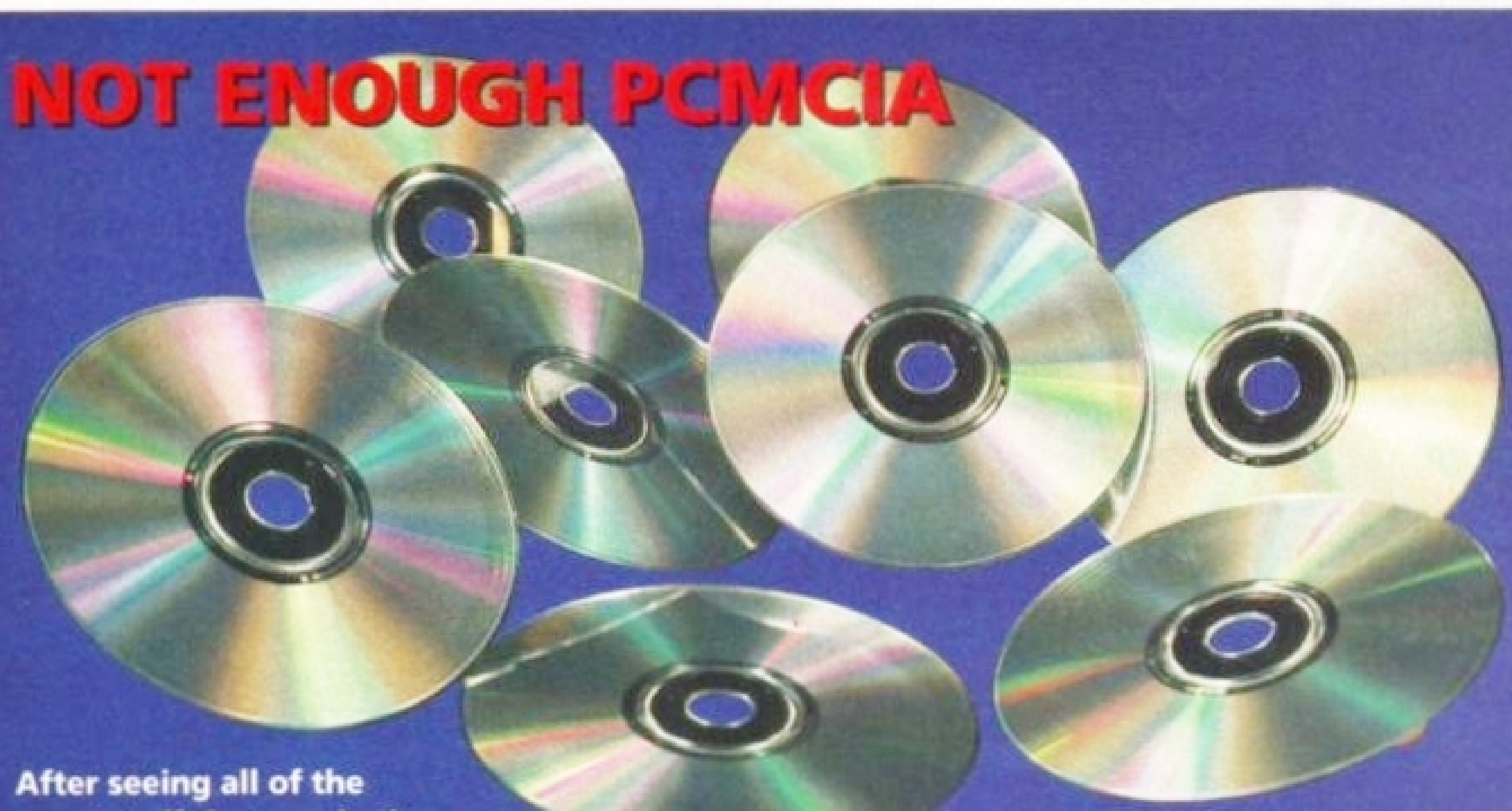


Move or delete the original hole objects: you'll see their outline is still present! *Real 3D* won't redraw the new shape in the editor screen, so you'll need to remember what is happening.



Rendering the image. Here I've added a Key object, and you should be able to see the same technique used to make the hole that you can see in the key's handle.

NOT ENOUGH PCMCIA



After seeing all of the great stuff that you had on your first CD edition of *Amiga Format*, I thought to myself that I would buy a CD drive. I have an A1200 with Workbench 3.0, 6Mb of memory and a Zappo Smart Store Plus 250Mb hard drive. The hard drive goes straight into the PCMCIA slot.

I am thinking of buying the Power CD-ROM which comes with a SCSI interface and takes up the slot. Is there a way to connect my hard drive and CD drive, as I will want to pull most of the programs and files from the CD to the hard drive. I would be very glad if you could help me.

Andrew Leighton
West Yorks

I'm afraid it's just not possible to do this because both devices need to use access to the PCMCIA port and, as you know only too well yourself, you only have one.

The Zappo isn't a SCSI mechanism as far as I know, and therefore you cannot chain the CD-ROM drive to it. You'll therefore be needing a new interface for the CD-ROM drive.

Something like the SCSI Dataflyer would be ideal because it fits onto the internal IDE mechanism and provides a SCSI interface to which any SCSI CD-ROM drive can then be attached.

TOO FAST

I have an Amiga 1200 with a 2.5" hard drive and an Apollo 1220 4Mb accelerator card. The problem is that the Amiga will not boot up from the hard drive when I do a soft reboot. The screen goes blank and then the disk requestor screen comes up even though I can hear the hard drive running.

The problem has only occurred since I fitted the accelerator card so I assumed it to be faulty and returned it to the supplier who immediately changed it. But, when I got it home, there was still the same problem.

If I take out the accelerator and replace it with a 2Mb RAM expansion card there are no problems at all and the machine will reboot immediately from the hard drive. I can't afford to tear out any more hair as there was precious little in the first place!

Ian Macfarlane
Reading

I had this problem too, although with an elderly 3.5" drive and a 68030 card. It seems to be due to the fact that after fitting the card, the Amiga is a lot faster. In fact, it's so fast that it starts booting before the internal hard drive has had a chance to spin up to the necessary speed.

There is no easy way to fix things I'm afraid. You can either buy a newer, faster hard drive (I'd recommend a 1Gb 3.5" drive fitted internally with either a kit from Wizard or Eyetech) or make up a special bootable floppy disk which detects the missing hard drive and does a reset automatically. Get in touch with me again if you need to know how to make up such a disk.

THE CLASH

I have an A1200 with a 1.25Gb hard drive and I recently bought 8Mb from Special Reserve. The problem is that it disables the PCMCIA slot and therefore my hard drive. However, if I switch the configuration of the jumpers on the board to 4Mb the slot works perfectly. This leaves me with only 6Mb instead of 10Mb.

How can I get the most out of my memory expansion without disabling my PCMCIA. You will probably say that I have connected something up wrong but I have read somewhere about somebody else with this problem – he got told that he was wrong but I know that he is right.

Also can you tell me about a program that creates a temporary RAM disk using free RAM from your hard drive. This would be helpful too as I have a 1272 hard drive.

Mark Castro
Hemel Hempstead

Sadly you don't reveal the make of your memory card, but unfortunately it sounds as though it isn't smart enough to know not to relocate the second bank of 4Mb away from the PCMCIA area: Some older/cheaper memory and accelerator cards won't do this, and frankly there is absolutely nothing you can do about it.

It's not a matter of connecting anything up incorrectly: it's just that if the second 4Mb bank overlaps the memory required for the PCMCIA slot, then it's tough luck.

When you say 'free RAM from your hard drive' I take it you are referring to Virtual Memory. Virtual Memory will fool many programs into storing data on hard disk instead of RAM, and although it's not fast it does enable many memory-hungry programs to run.

To use Virtual Memory you'll need a program called VMM, *but you'll also need a piece of hardware called an MMU (Memory Management Unit). MMUs are present in most 68030s, 40s and 60s (although not in so-called 'EC' versions) which means if you have an accelerator card with a full 68030 fitted, you're laughing.*

However, since whatever card you are using cannot deal with the PCMCIA memory problem, I'm not convinced that you have a 68030 card and so I recommend you consider upgrading to one.

The Magnum from Wizard scored highly in a recent A1200 accelerator card round-up in our sibling magazine Amiga Shopper, *and it also won't clash with the PCMCIA port.*

IF YOU HAVE A QUERY...

At *Amiga Format* we aim to answer as many questions as possible. Unlike some magazines, we don't just concentrate on our areas of expertise – we take on all your problems (as long as an Amiga is involved).
Here are a few tips on sending in questions:



Graeme Sandiford

- **Be concise.**
- **Detail the actual problem as best as you can.**
- **Describe the events that caused the problem.**
- **Give full details of your equipment.**
- **Make sure your question is relevant and wouldn't be more easily solved by contacting the dealer from whom you bought the goods.**

Bear these points in mind and fill in, photocopy, or copy the form below as best you can.

Send your letters to Workbench, *Amiga Format*, 30 Monmouth Street, Bath, Avon BA1 2BW.

Your Amiga:
Kickstart version:
Workbench revision:
Total memory fitted ____________

Chip memory available ____________

○ A500 ○ A500 Plus ○ A600
○ A1000 ○ A1200 ○ A1500
○ A2000 ○ A3000 ○ A4000

○ 1.2 ○ 1.3 ○ 2.x ○ 3.x

Extra drive #1 (3.5in/5.25in) as DF: manufacturer:

○ 1.2 ○ 1.3 ○ 1.3.2
○ 2.04/2.05 ○ 2.1 ○ 3.0

____

Extra drive #2 (3.5in/5.25in) as DF: manufacturer:

____

Hard disk: ________ **Mb as DH** ________

Manufacturer: ____________

Extra RAM fitted – type, size (Mb) and manufacturer:

____

Details of other hardware:

____



FAST • FULL ACCESS TO THE INTERNET FOR JUST
£8.00
MONTHLY + VAT
If you live in the UK (including Northern Ireland and the Scottish Isles) the Channel Isles or the Isle of Man you have BT local call
0345
access no matter how remote your location!
Amiga Users can Surf the Internet from anywhere in the UK
What you get
❒ The highest possible connection speed available with todays modem technology
❒ FREE customised connection software for the Amiga. Comprehensive documentation and full techincal support
❒ FREE World Wide Web homepages with every connection.
❒ FREE POP3 E-Mail account.
❒ FREE access to news groups. Giving access to over 13,000 active groups.
The Cost
❒ There is a one-off connection fee of £20 (plus VAT)*
❒ The monthly recurring cost is only £8 (plus VAT). There are no hidden costs - The only additional cost is your local-rate telephone bill.
* Existing Internet users exempt. For further details https://wwws.enterprise.net/subscribe
For the best Internet Access, there is only one choice
Enterprise plc
64 Bucks Road, Douglas, Isle of Man
All trade marks acknowledged
Call now
Subscription hot line 0800 269 146
General enquires 01624 677666
Fax line 01624 613660
Technical Support 01624 612880
E-mail sales@enterprise.net E-mail support@enterprise.net



Anyone for Sadness?

Darren Irvine takes a look at some of the worst things about the Internet, and has some suggestions about what can be done to improve matters.

Another Net.Sadness special this month. Sure, there have been exciting (sic) announcements from Viscorp concerning their ED system, but it's in the field of sadness that most of the recent breakthroughs on the net have taken place. One particular area of pathetic behaviour that is especially promising at the moment is the field of HTML-authoring.

SADNESS ON THE WEB

Following on from the phenomenon mentioned last month (or was it the month before? how time flies when you're enjoying yourself) of certain Amiga-zealots putting codes into their web pages to stop non-Amiga users from viewing them properly, Amiga Technologies themselves have got in on the act, and under a section for people who are having problems reading their web pages, the advice is "buy an Amiga 1200 or 4000".

At least this is slightly more promising than pretending that Mac and PC users live on another planet (or that they do in fact live on the same celestial object as Amiga users, but that they should be shot).

Yet another faction has decided to avoid any browser problems with their web pages by making them so appallingly uninteresting that the level of browser required to view them is Lynx. Amiga.net feels that it has a duty to expose some of the worst examples of sad web page design. Here are a few stunningly poor examples:

The Amiga Demo List is a collection of links to other Amiga demo related web pages and FTP sites, but it is quite frighteningly banal. If you want to check it out nevertheless, the URL you need is:

http://www.isbiel.ch/~wabem/adl/Main.HTML

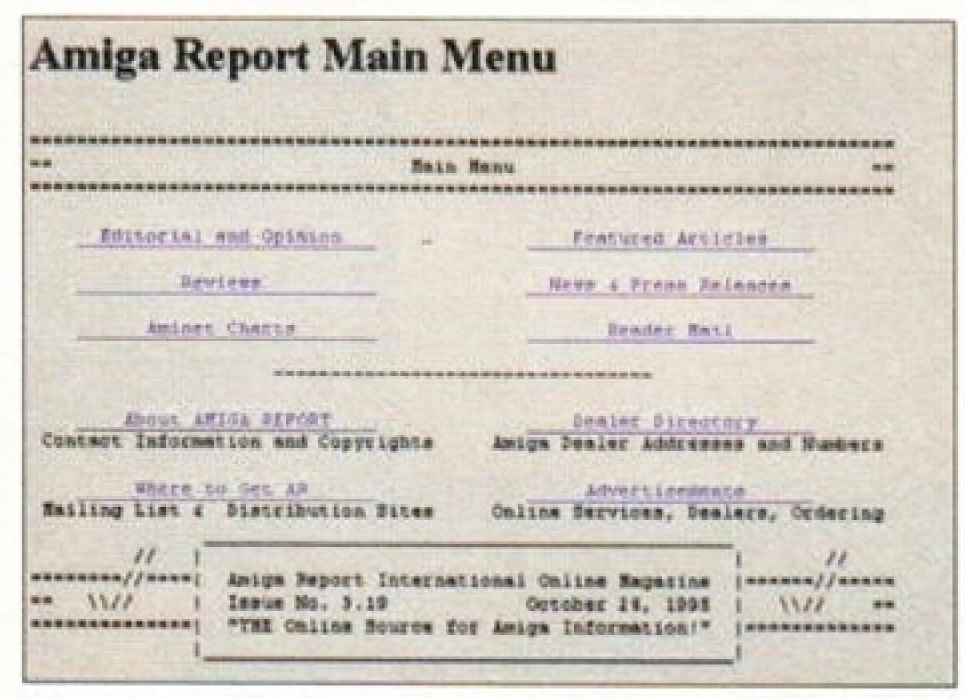
Wil's Amiga Page is another which falls into the category of "intrinsically quite useful but offensive to the eye by reason of extreme poorness". The URL in this case is:

http://cips.ee.uwa.edu.au/~williams/Footy/home/amiga/Amiga.html

For a real treat check out the Web site of Amiga Report Magazine. Whether you think much of the publication itself (I'll leave this as an exercise for the reader, it shouldn't take you long to come to a conclusion) their web pages are truly pathetic but if you still want to take a look the URL is:

http://www.omnipresence.com/Amiga/News/AR/ar319_Sections /menu.html

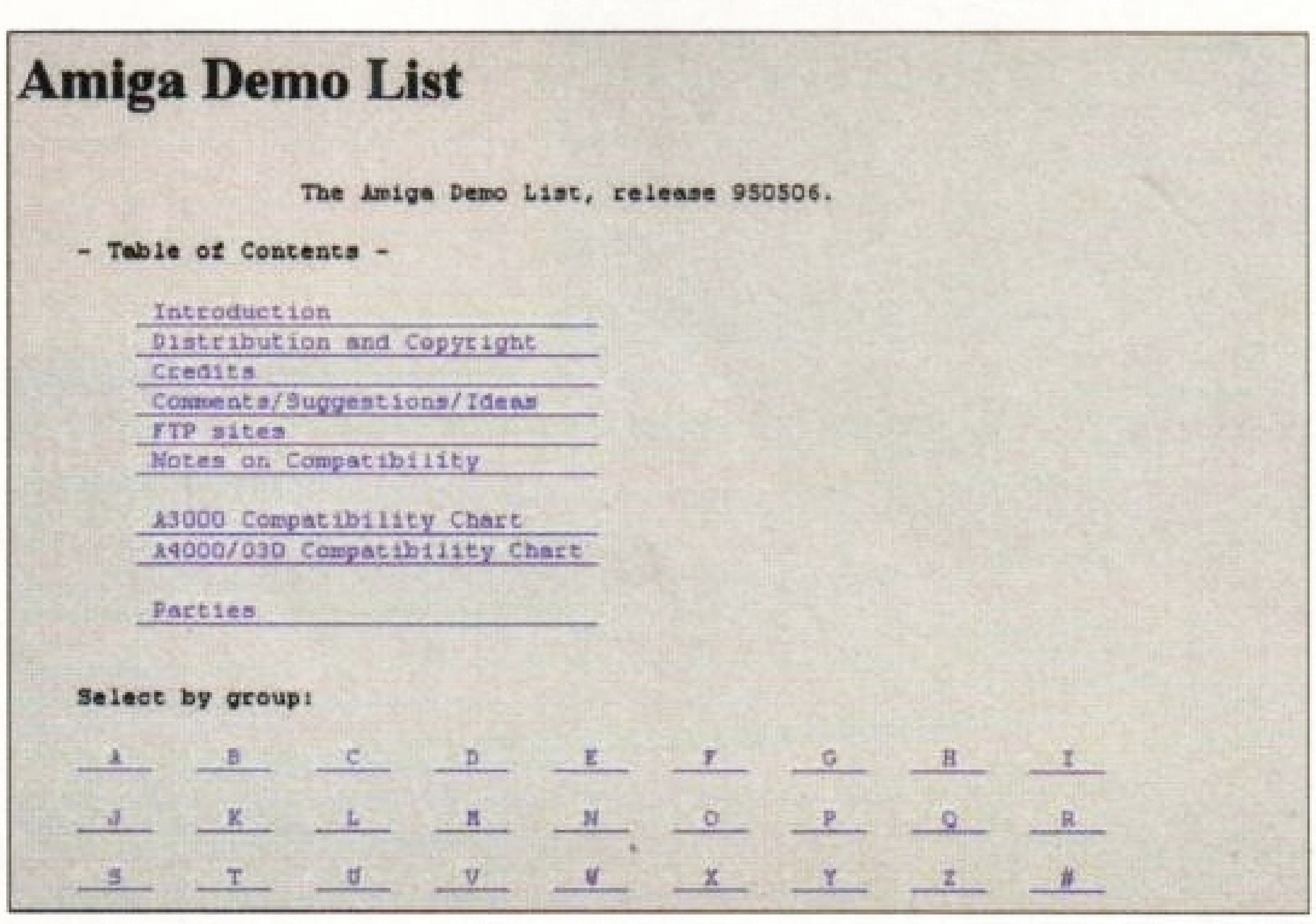
So, what can be done about the state of these sites, and in fact, should anything be done at all?



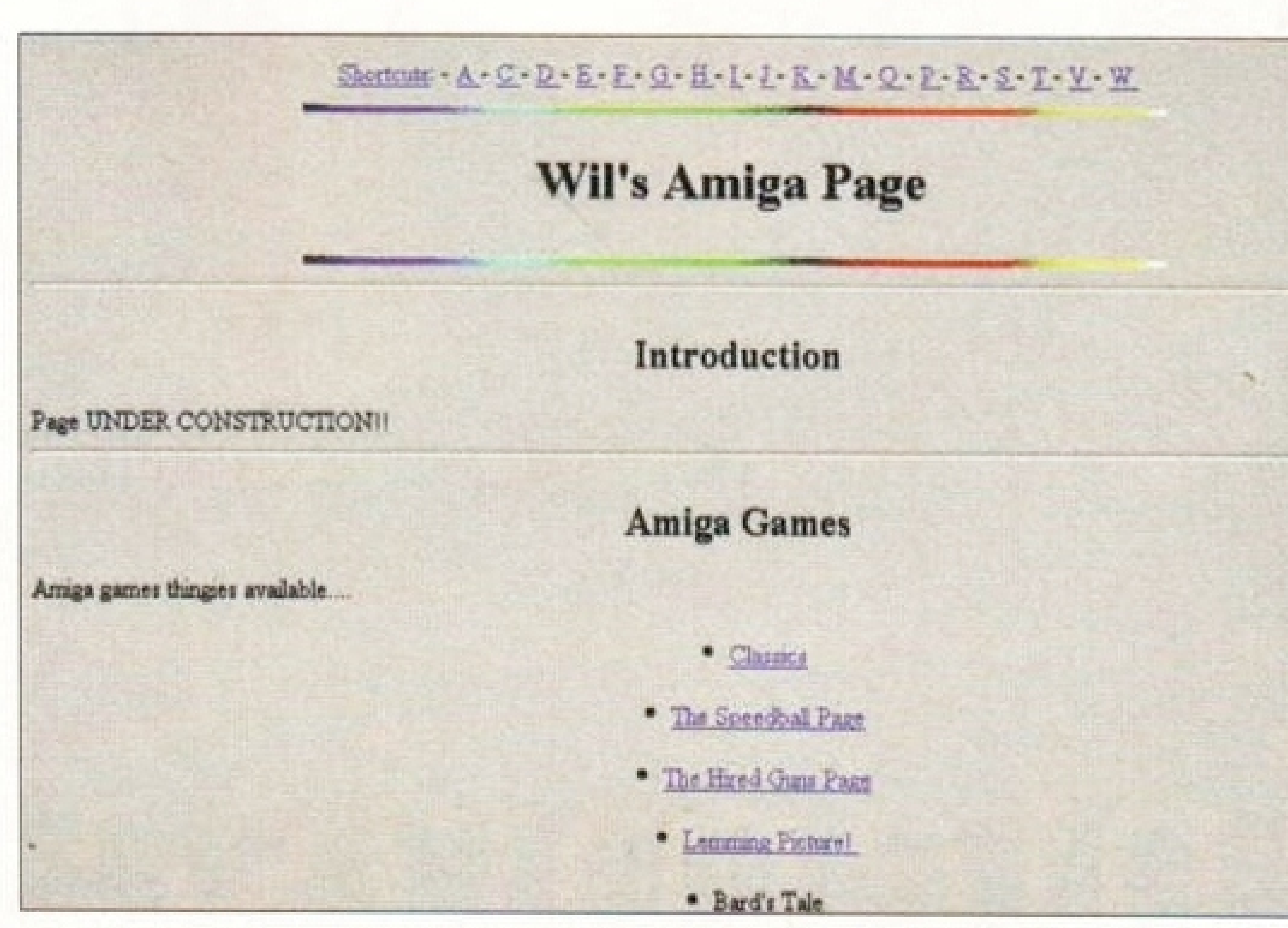
What can I say? Beyond the Tragic.

Well, in some cases crap web page design goes hand in hand with crap web page content, and nothing much can be done about this – now that the world, his uncle, and their pet spaniel "Eric" are on the Internet, we'll just have to accept the overall increase of "background noise" in the form of terrible web pages and a Usenet system mostly filled with spam, crosspostings and other nonsense.

In other cases however, there are some fairly useful Amiga related pages on the World Wide Web that simply look terrible, and don't



If you're into the Amiga demo scene then this is actually a very useful page. It's just a great pity that it's also an exceptionally boring page...

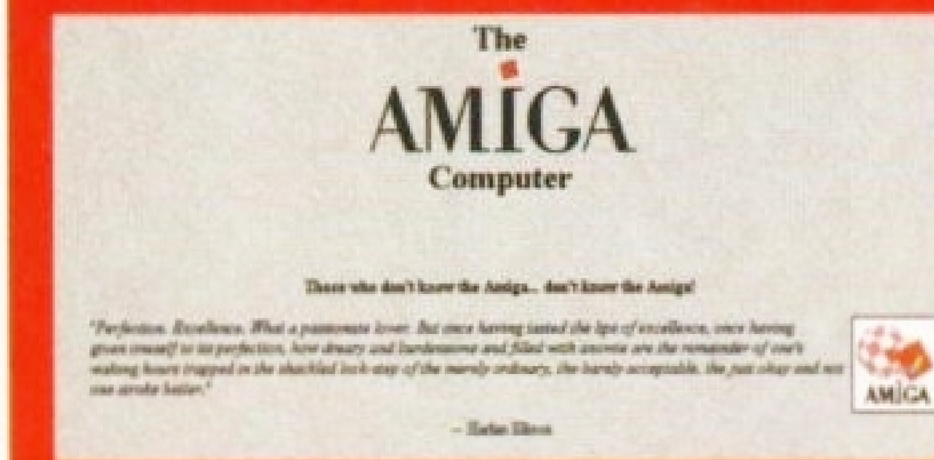


Again, quite a useful site with links to some interesting places, but you have to admit that doesn't stop it being deadly boring to look at.

ARE YOU SURE ABOUT THAT?

Dr. Peter Kittel states on his Amiga History Web page (on Amiga Technologies' Server) : "The first Amiga ever was the A1000 [...] The software for this grandfather of the Amigas still runs flawlessly on the newest models."
Amiga.Net says:
"Yeah, right, what – all of it?"

MISGUIDED AMIGA USER OF THE MONTH



Nice web pages – dodgy taste in quotes to describe the Amiga.

If you're a regular (or irregular for that matter, since the frequency of your visits to the toilet are strangely of no interest to Amiga.net) reader, you'll be well aware of the amount of mad, deranged, and downright psychotic people who have access to the Internet. And you'll know that not all of them are PC owners. In fact, in many cases it is the Amiga users who are most vocal in their madness, the first to make the leap from pointless argument and flaming to obviously brain-damaged ranting and morally dubious behaviour.

We've already seen examples of people who think of their Amiga's as "girlfriends", but it's quite another to quote science-fiction writers and in the context of the Amiga say things like : "Perfection. Excellence. What a passionate lover". If you can get past his use of this Harlan Ellison quote at the start, check out Walrus' otherwise useful (and it has to be said, well presented) Amiga page at: http://www.uga.umd.edu/~walrus/Amiga.html

do anything to promote the Amiga's image on the net. So the thing to do is email these people and tell them their pages suck. I'm sure you'll agree that improving the Amiga's image can only be a good thing.

SADNESS ON USENET

Usenet has long been the domain of the true 'Sadness King'. It's the aspect of the Internet that most attracts the "I've got absolutely nothing at all of any value to say about anything anyone in this newsgroup might be slightly interested in, but I'll say it repeatedly and at length at every available occasion" type of user.

Recently there has been a huge surge of interest amongst the sadness community in the "irrelevant crossposted thread". What happens is that in say, rec.pets.goldfish there is a fairly on-topic debate concerning the relative merits of two obscure types of fish, and that this thread is of interest to the majority of readers of the newsgroup. This is fine, and doesn't bother people with absolutely zero interest in fish. Suddenly some bright spark gets the idea that it would be an "amusing" idea to suddenly add two, three, five, ten or a hundred completely irrelevant newsgroups to the distribution list of the thread (for some reason groups like alt.religion.kibo, alt.sex, and comp.sci.physics always seem to get added, but your truly dedicated sad crossposter will sometimes add an appreciable percentage of the total number of newsgroups).

What happens now is that the thread develops into a vicious argument between the groups involved, and the thread becomes very hard to kill off.

Don't start these threads, either by crossposting or starting a multi-newsgroup troll (a bogus message designed to provoke angry or enthusiastic response from the readers of a newsgroup – the "going for well over a year now and showing no signs of slowing down" thread "Do you want 1000 nude web sites" is a classic example of trolling sadness). You might think it's amusing to do so, but really it's not – you'll look like an idiot to anyone who has a clue about how the Internet works.

The best way to deal with these threads is to never reply to a message that has a large distribution list, or if you really must, edit the message headers so that you are only replying to the message in the group that is relevant.

SADNESS VIA EMAIL

OK, so this is a bit of a personal gripe, but it does relate to the larger subject of netiquette. Basically, all of you people out there who don't actually know me, or any of the other online magazine writers, stop emailing us with "Tell me why my ISDN router isn't working or else" type messages. Of course we don't mind trying to help with simple (or occasionally complex) problems, but as with any other field of life, if you're looking for help from someone you don't know, don't just wade in and demand that they drop everything that they're doing and rush to help you out.

If you're looking for a bit of a hand from a magazine writer say, or from someone who appears knowledgeable on a newsgroup you read, email them in the first instance and ask whether they are prepared in general to help you out. They'll be far more likely to reply to a general ask for help than an unsolicited and detailed list of all your problems with a date by which you would like them resolved. Remember – on the Internet you must be as polite to people as you would be anywhere else – in some cases more so.

OK – rant over – and if you still feel liking asking me for help, then contact me at:
Email: darren@plasma.thegap.com
Fidonet: 2:443/13.18
I usually (but not always) ignore my mail.

NOT QUITE SO SAD USEFUL WEB SITES

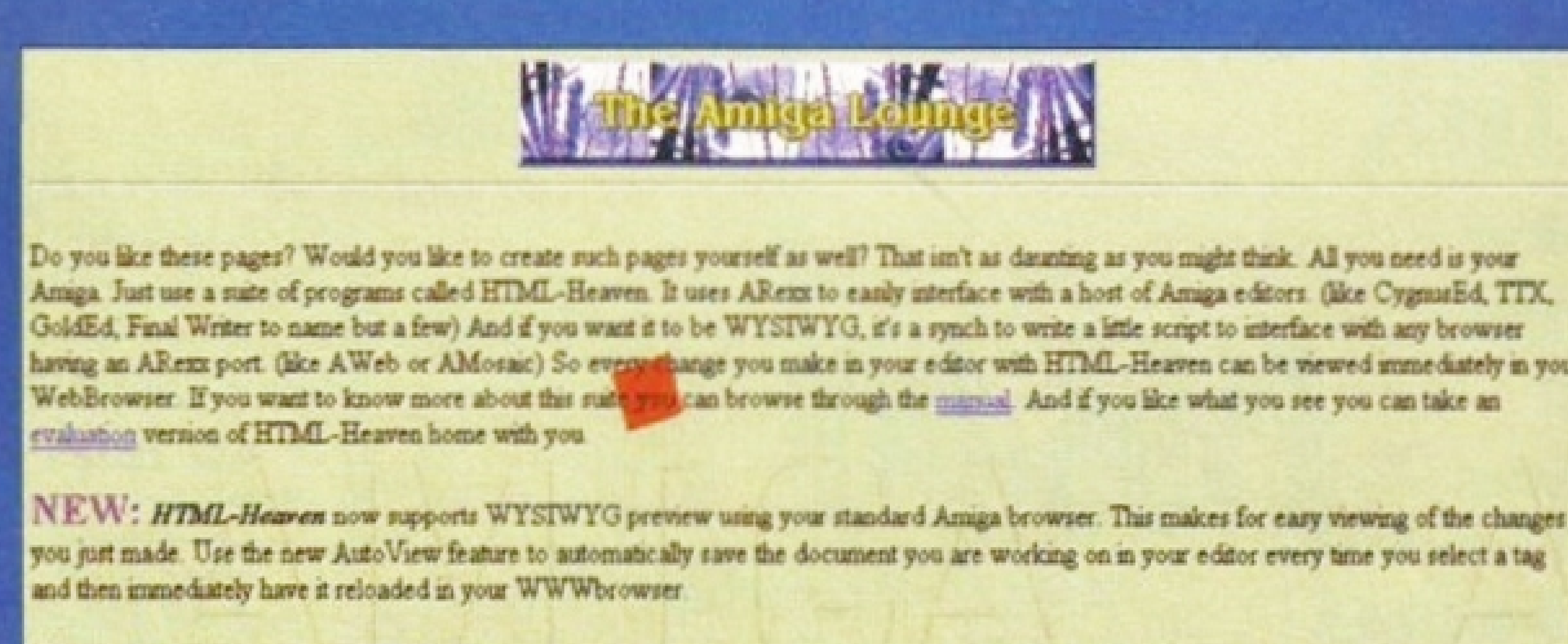


The Amiga Home page is a good starting point for Amiga-related web exploration.

AMIGA HOME PAGE
http://www.omnipresence.com:80/amiga

AMIGA LOUNGE
http://www.iaehv.nl/paul/amiga.html

Suffering from a mental disorder and are considering ditching AmigaOS and running Unix instead? If so, NetBSD Information is the site for you.
http://plukwa.pdi.lodz.pl/NetBSD

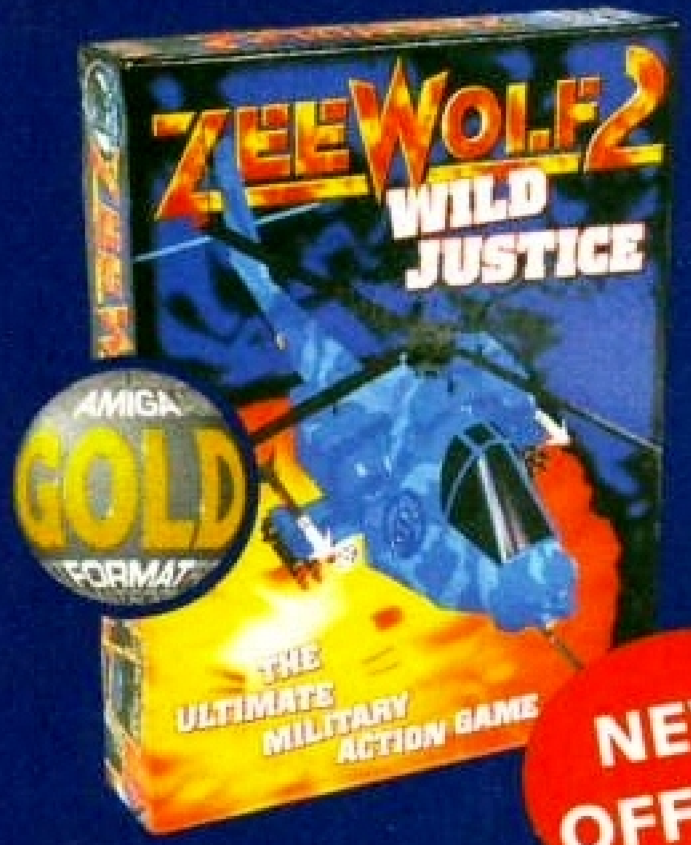


This is a useful site if you are interested in finding out the best way to go about HTML-authoring using your Amiga.

YOURS FREE...

ONLY WHEN YOU SUBSCRIBE TO AMIGA FORMAT

Choose one of these fantastic products **FREE** when you subscribe for 12 issues OR choose two **FREE** when you subscribe for 24 issues.



ZEEWOLF 2
AMIGA FORMAT 90%

Helicopters, guns, tanks and 32 staggeringly playable missions. Action fans and anyone who likes to think on their feet will lap up this gem of a game.



ORGANISER 2
AMIGA FORMAT 92%

Organiser 2 is the latest release of Digita's award-winning software. We gave it a stonking 92% in the February issue and gave you a time limited working version to sample on the coverdisk.

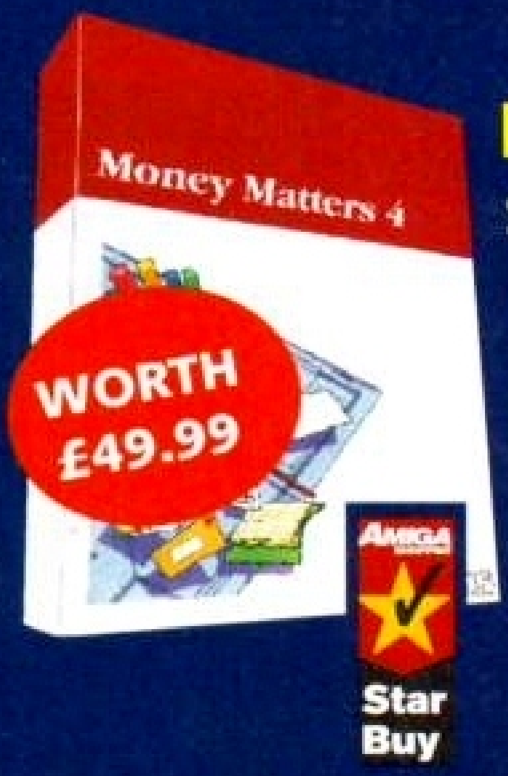
"The best Amiga PIM currently available."

NEW OFFERS



ALIEN BREED 3D
AMIGA FORMAT 93%

If you've got an A1200 then you positively *need* this game. Tension, excitement and rock solid gameplay. A classic, matey!



MONEY MATTERS 4 AMIGA SHOPPER 90%

Keeping track of all your finances is easy with NEW *Money Matters 4* from Digita. It's the ideal starting point if you want to be in control of all your finances.

"The ideal package for managing your personal or small business finances."



ENJOY ALL THIS AS A SUBSCRIBER:

- Bonus subscriber disk packed with useful software every month.
- Subscriber-only "Backstage" newsletter.
- Never miss an issue – every one will be delivered direct to your home.
- SAVE £££s on a wide selection of software by taking advantage of our exclusive subscriber offers.
- Full price protection for the length of your subscription.

DON'T MISS OUT-SUBSCRIBE NOW
FILL OUT THE FORM ON PAGE 86 OR CALL

ORDER HOTLINE: 01225 822511

Pay as little as £27 for your subscription to Amiga Format

Direct Debit is the easy way to pay – you can pay in smaller more convenient amounts, plus you're protected by our no-risk guarantee – cancel your subscription at any time and receive a refund on all un-mailed issues. What could be simpler?
Return the order form which you'll find on page 86 and we'll do all the rest for you.

The Direct Debit guarantee

- This guarantee is offered by all banks and building societies that take part in the Direct Debit scheme.
- The efficiency and security of the scheme is monitored and protected by your own bank or building society.
- We will debit your account with the full amount as soon as your instruction has been processed. Thereafter we will debit your account on the anniversary of your subscription.
- If the amounts to be paid or the payment dates change, you will be told of this in advance by at least 14 days.
- If an error is made by us or by your bank/building society, you are guaranteed a full and immediate refund from your branch for the amount paid.
- You can cancel a Direct Debit at any time by writing to your bank or building society. You must also send a copy of the letter to Future Publishing.
- Banks and building societies may not accept Direct Debits from some kinds of accounts.

AMIGA FORMAT special OFFERS

Check out our *AF* readers' offers, all at low, low prices. After choosing your special offer, turn to page 86 to fill in the order form.

All prices include postage and packaging

Call our Order hotline on **01225 822511**

Blitz Basic 2.1

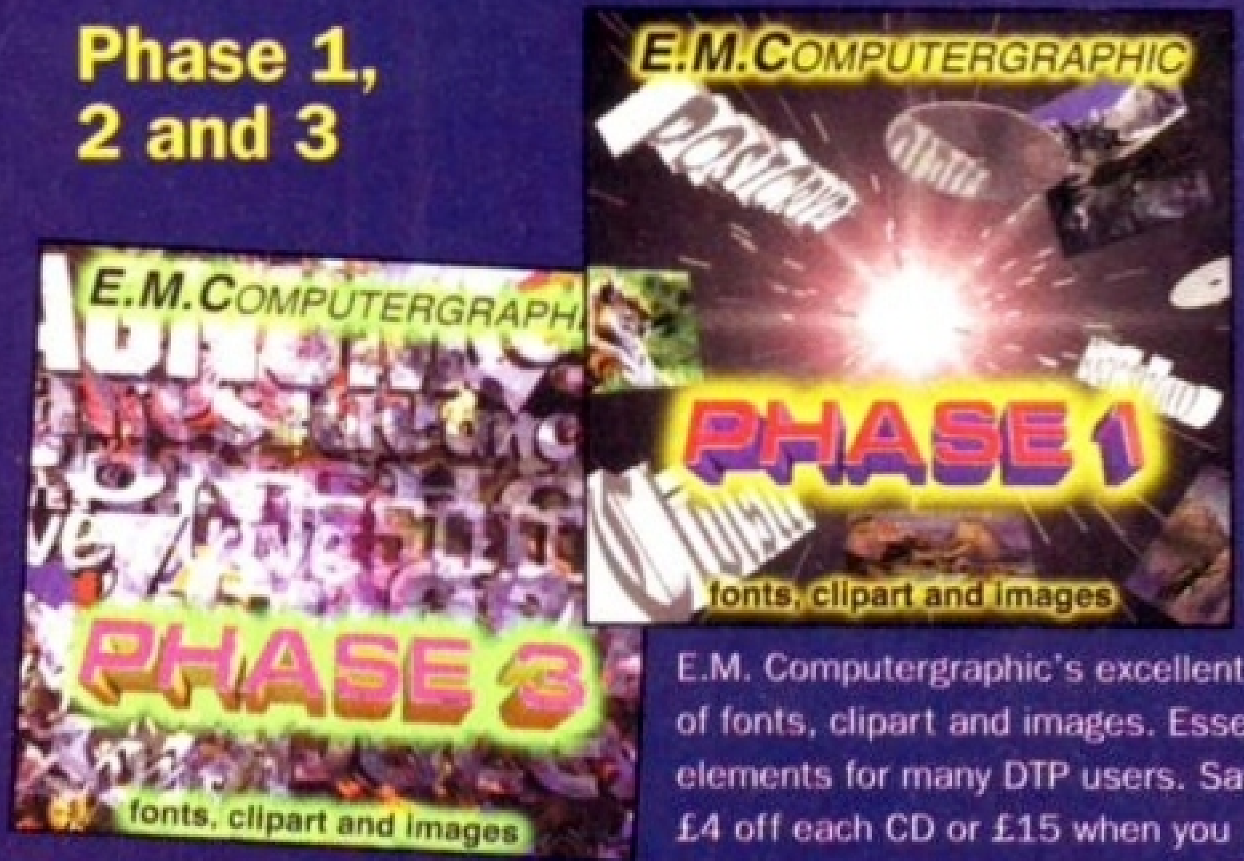


NEW!

Probably the single most important piece of software in the Amiga arsenal. This amazing programming language enables you to write, compile and run your very own programs and you can create totally Workbench friendly applications. Blitz is responsible for some of the best games ever to be produced on the Amiga and this latest version includes support for AGA machines – If you're serious about the Amiga you can't afford to miss out.

Description	Blitz Basic 2.1		
Order code	AF/BB21	AF Price	£24.99

Phase 1, 2 and 3



E.M. Computergraphic's excellent CDs are full of fonts, clipart and images. Essential elements for many DTP users. Save £4 off each CD or £15 when you buy all three!

Description	Phase 1, 2 and 3		
Order code	AF/PH/1, 2 OR 3	AF Price	£21.99
Order code	AF/PH/ALL	AF Price	£59.99

Gloom



Top of the A1200 chart for ages and given a well-deserved *Amiga Format* Gold award, *Gloom* is an excellent, atmospheric and darned frightening shoot-'em-up. This game takes you roaming through levels, maps, mazes and secret rooms and, to spice things up, you get to blast your way through ghoulies, devils, general nasties, weapons, blood and gore. Get it today!

	Gloom		
Order code	GH/GM	AF Price	£9.99

Super Skidmarks



An *Amiga Format* Gold with 92% in issue 71, *Super Skidmarks* was described as "the best driving game in its class ever seen on the Amiga". It's a racing game all about control, skill, timing, confidence, aggression, instinct and ability. Test your-self against yourself and your friends.

	Super Skidmarks		
Order code	AF/SS	AF Price	£9.99

Exile



NEW!

This platformer come shoot-em-up combines arcade action with a puzzling adventure. You're a spaceman complete with jetpack and your mission is to fly around the landscape collecting and using the objects you find. A gem of a game.

Description	Exile		
Order code	AF/EX	AF Price	£9.99

Super Tennis Champs



NEW!

Described as one of the best tennis games on any platform, it won a Gold award (AF79 90%). A superb contol system and players with character.

Description	Super Tennis Champs		
Order code	AF/STC	AF Price	£9.99

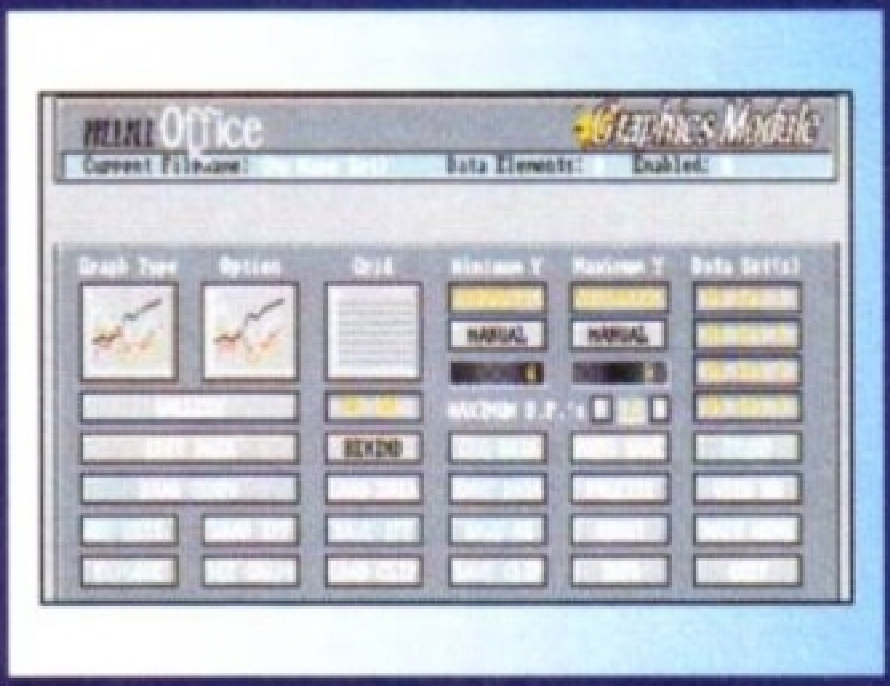
A500+ and A600 1Mb RAM Upgrades


A600 version shown

If you have less than 2Mb RAM, you are at a serious disadvantage, so why not take the opportunity to upgrade at this low price.
These boards for the A500+ and A600 plug into the Amiga's trapdoor connector.
Built to the highest standards, they are fully guaranteed for a year.

Description	A600/A500+ 1Mb RAM Upgrades		
A600 code	AF6H1M	AF Price	£27.99
A500+ code	AF5P1M	AF Price	£26.99

Mini Office

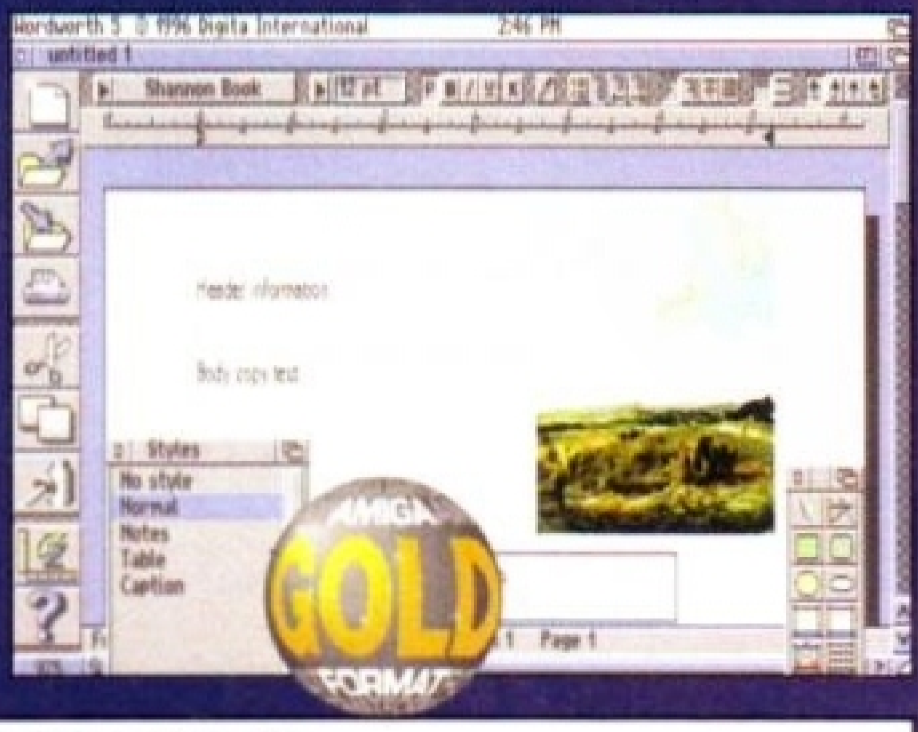


An impressive collection of database, spreadsheet, graphics and word processor programs straight from Europress.
If you are thinking about starting up your own business or if you have your own small business already then this is the sort of program that you shouldn't be without.

Description	Mini Office		
Order code	CB95	AF Price	£24.99

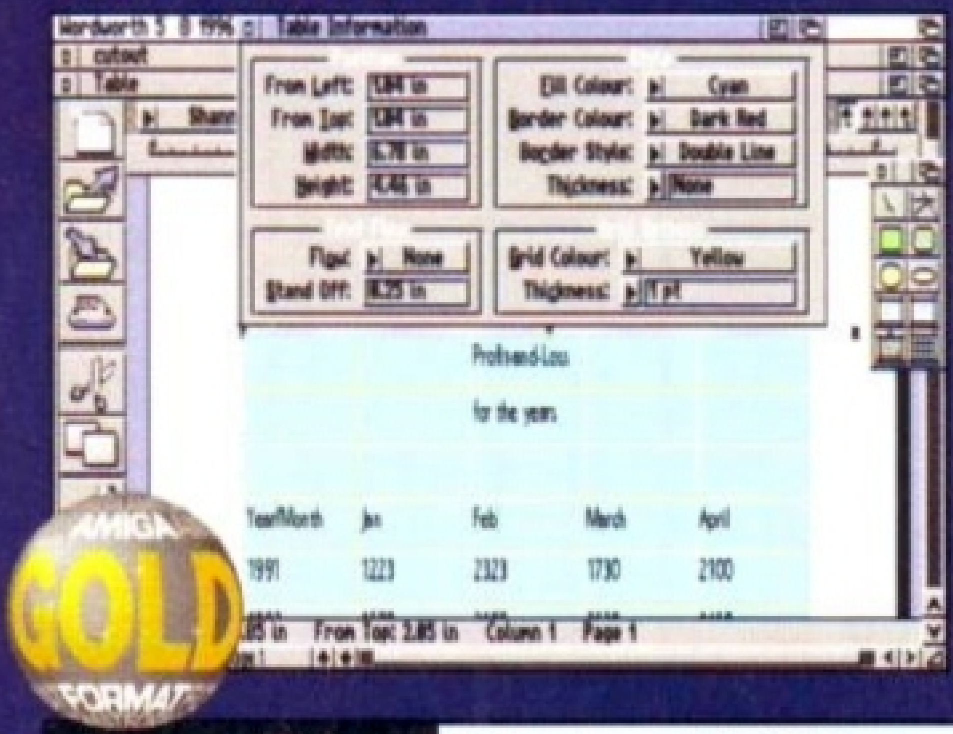
Wordworth 5

This new version of the Amiga's most popular word pro is ideal for both home users and professionals. This is much more than a program to write letters – it's a complete document design package with a range of new features including drag and drop style sheets.



Description	Wordworth 5		
Order code	AF/W5/03	AF Price	£58.99

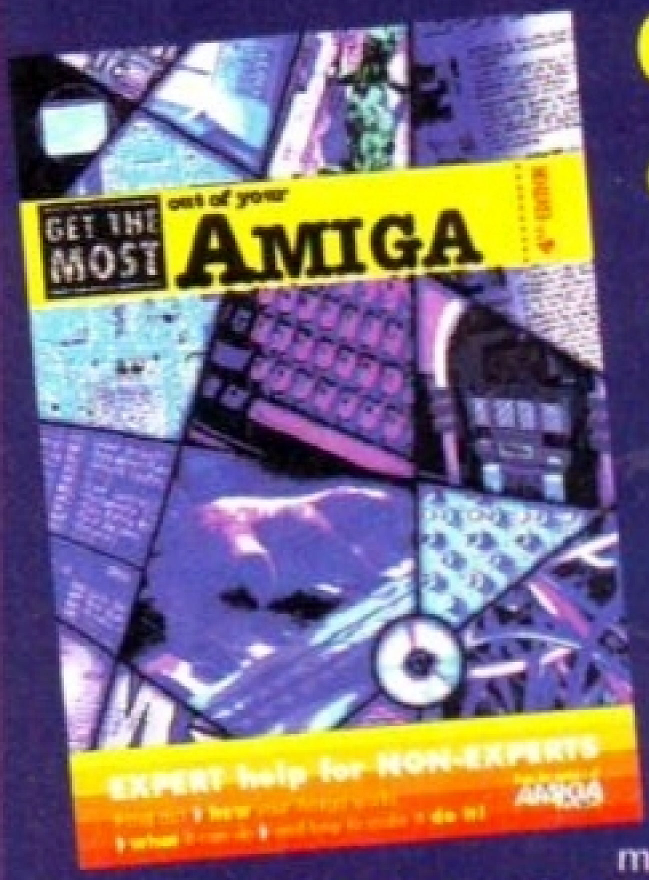
Wordworth 5SE



The Wordworth 5 Special Edition will appeal especially to users who don't really need the complete range of features offered by *Wordworth 5*. It's a slimmed down model at a reduced price but it still contains all the important additions that set it apart from the previous version.

Description	Wordworth 5SE		
Order code	AF/W5SE/03	AF Price	£37.99

AMIGA FORMAT books OFFERS



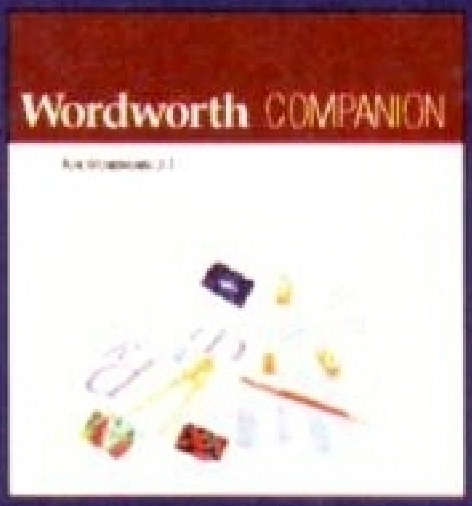
Get the most out of your Amiga 4th edition

New, for beginners and experts alike, this book will make sure that you literally "Get the most" out of your Amiga, whatever you want to do with it.
Includes a **FREE DISK** of carefully selected Public Domain and shareware programs to make your Amiga faster and easier to use.

SUBSCRIBERS SAVE £3

As an *Amiga Format* subscriber you'll save £3 when you take advantage of this offer and buy this book for only £14.99.

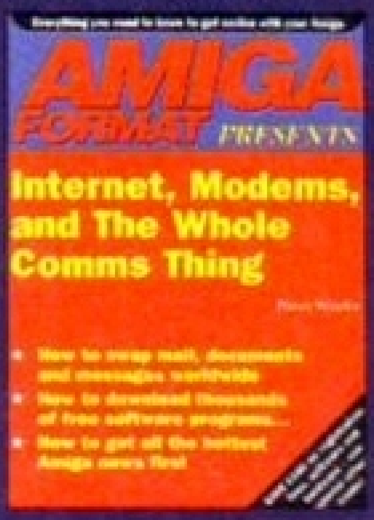
Order code	FLB522X		
Reader Price	£17.99	Subscriber Price	£14.99



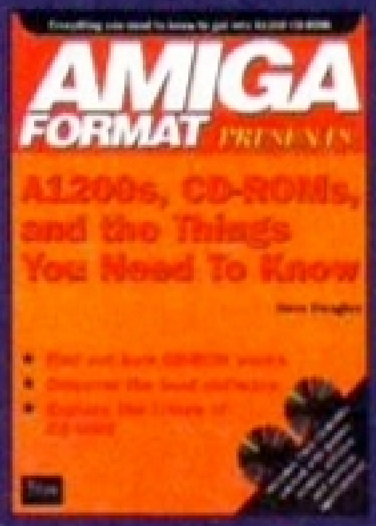
Wordworth Companion

This guide was written with the full support of Digita International. It contains in-depth explanations of every aspect of the software and includes a bonus disk packed with fonts and clip art.

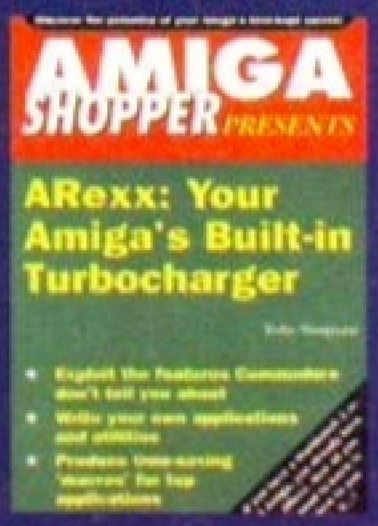
Price	£13.99	Order Code	FLB0799



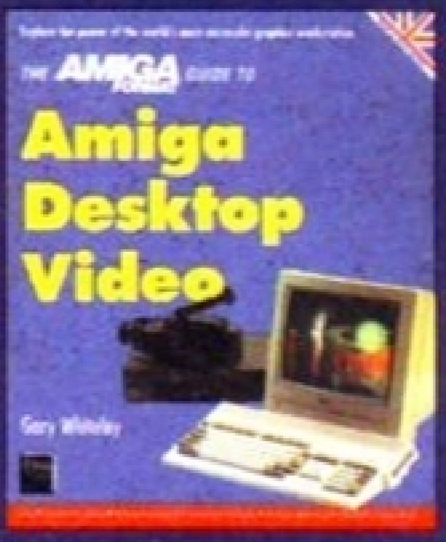
Price	£12.95
Order Code	FLB5122



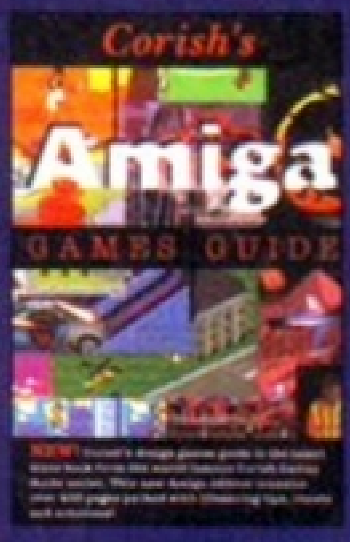
Price	£12.95
Order Code	FLB5262



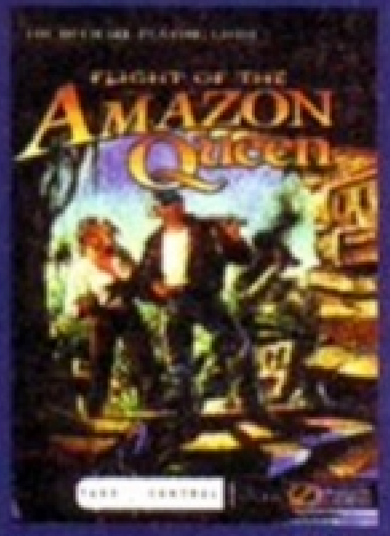
Price	£9.95
Order Code	FLB5092



Price	£12.95
Order Code	FLB5084



Price	£9.95
Order Code	FLB519X



Price	£3.95
Order Code	FLB4896

Call our Order hotline on
01225 822511
Telephone Orders Only

Back Issues

Treat yourself to a back issue of *Amiga Format*. It costs just **£5** for a back issue complete with Coverdisks or **£5.50** for the new AFCD version.



OCTAMED SOUNDSTUDIO
The new version of the Amiga's favourite music package.

XP8
A massive demo of the very latest shoot-em-up

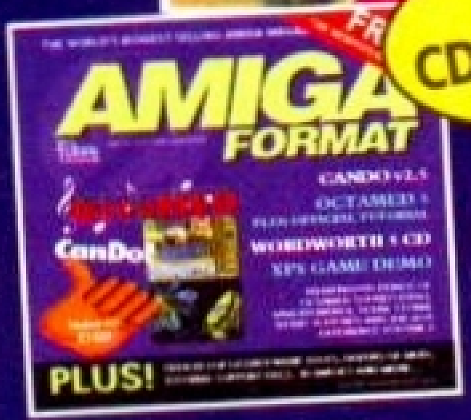
ORDER CODE AMF86



Discover how networking can enhance your Amiga experience and join us in an extensive seven page special. Reviews of *Primal Rage*, *XiPaint4* and the eagerly awaited Siamese system.

Missed *AF*? Don't miss out completely – order it now while stocks last...

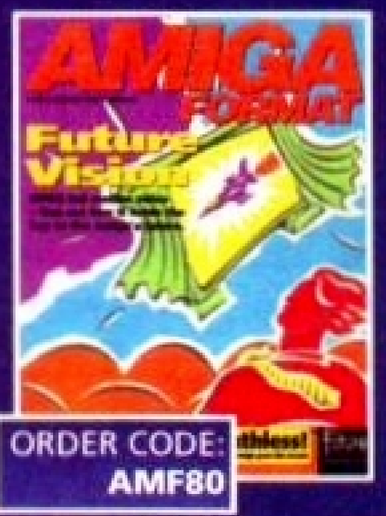
Call our Order hotline on 01225 822511
& Quote reference No: AFP608



NEW CD VERSION

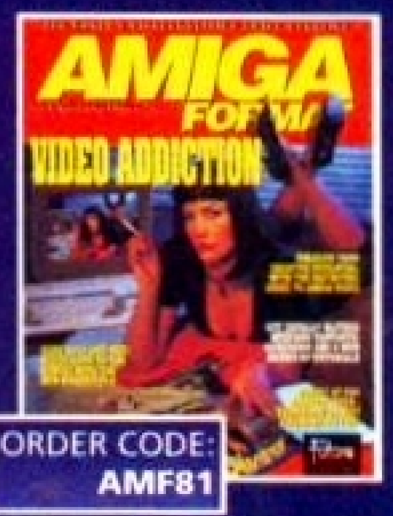
AFCD2
OctaMED 5 with the official tutorial and multimedia authoring software *CanDO*. Plus demos of *Soundstudio* and *MMExperience*.

ORDER CODE: AFC002



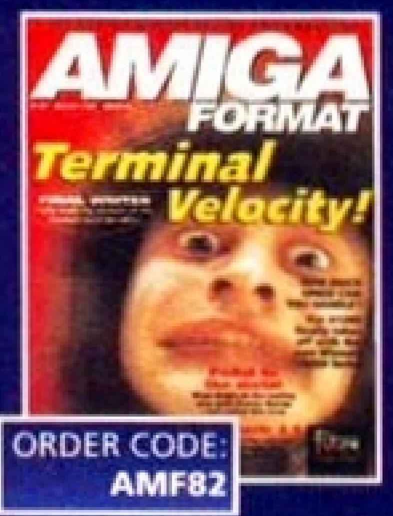
ORDER CODE: AMF80

Coverdisks: *Ultimate Workbench Utilities*, plus the demo of the amazing *Breathless*.



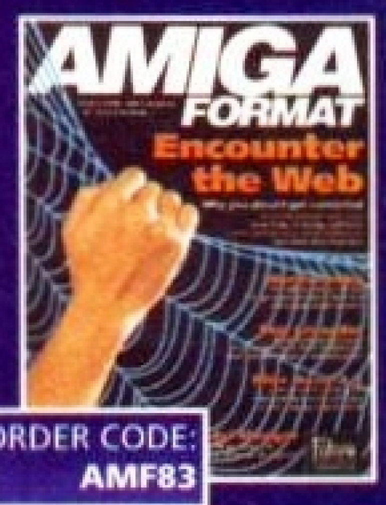
ORDER CODE: AMF81

Coverdisks: Ultimate Amiga programming language *Blitz Basic 2.1* plus the demo of *Zeewolf 2*.



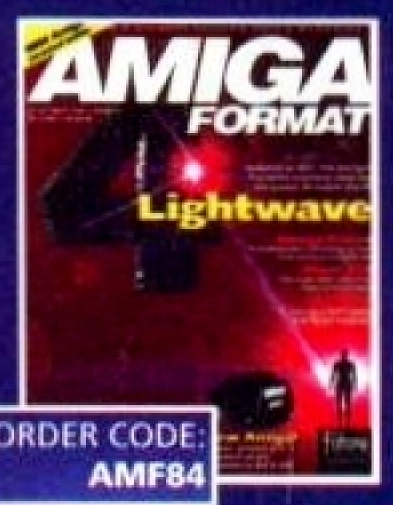
ORDER CODE: AMF82

Coverdisks: A fully working version of *Final Writer 4 Lite* and the upgraded *Gloom Deluxe* demo.



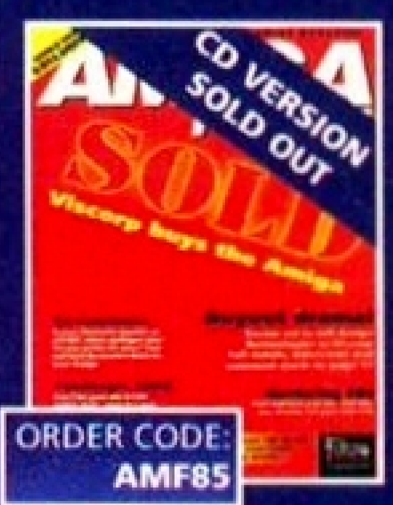
ORDER CODE: AMF83

Coverdisks: A collection of programs including the full *Scapemaker* plus, Chaos Engine clone, *Alien Bash II*.



ORDER CODE: AMF84

Coverdisks: A one level demo of *Alien Breed 3D II* plus, create your own games with the *Game Engine*.



ORDER CODE: AMF85

Coverdisks: Create your own front-ends with *Nucleus* plus *The Shepherd*, *Cybernetix* and *Peg It*.

AF Priority Order Form

Personal Details

Mr/Ms Initials ...... Surname ......

Address ......

...... Postcode ......

Daytime tel no. ...... EC VAT reg no ......

Subscription to start? (Issue no) ......

Subscriber Number (If applicable) ......

Please start my Subscription at the new discount rate ticked below

		DD		CD	
6 Issues	Direct Debit *(UK only)*	❑	£27.00	❑	£33
12 Issues	UK *(Standard/Direct Debit)*	❑	£54.00	❑	£66.00
12 Issues	Europe	❑	£76.52	❑	£88.52
12 Issues	Rest of World	❑	£91.52	❑	£103.52
24 Issues	UK	❑	£108.00	❑	£132.00

6 and 12 Direct Prices are available to UK based readers with a UK bank account. Overseas orders, please pay by Cheque drawn on a UK account or Credit Card. Europe and Rest of World 24 issue prices are available upon request - Telephone: 01225 822511

Overseas prices quoted are for airmail only. For information on alternative rates please telephone our Subscriber Hotline on +44 1225 822511.

Please send me the following free gift (if you choose to subscribe for 12 issues)

❑ Organiser 2 ❑ Money Matters 4 ❑ Zeewolf 2 ❑ Alien Breed 3D

Back Issues, Special Offers And Books

Description	Quantity	Price	Order code
Total amount enclosed (Subscription and/or mail order)		£	

Please choose your method of payment

1.❑ **Direct Debit**. Paying by Direct Debit is the easy way to pay. The full amount of your subscription will be deducted in advance and in one lump sum. Please complete the mandate at the bottom of this form.

Please note: If you are paying for your subscription by Direct Debit, you must enclose a separate payment by credit card or cheque for any mail order purchases.

2.❑ **Cheque** (payable to Future Publishing Ltd. Sterling cheques on a UK A/C Only)

3.❑ **Visa** ❑ **Access**

Card no ...... Expires ...... / ......

Signature ...... Date ......

DIRECT Debit
Instruction to your Bank or Building Society to pay Direct Debits.
Originator's Identification No. 9 3 0 7 6 3

1. Name and full postal address of your Bank or Building Society branch
To: The Manager (Bank name) ......
Address ......
Postcode ......

2. Name(s) of account holder(s) ......

3. Branch sort code ☐☐☐☐☐☐

4. Bank or Building Society account number ☐☐☐☐☐☐☐☐

5. Instruction to your Bank or Building Society
Please pay Future Publishing Direct Debits from the account detailed on this Instruction subject to the safeguards assured by the Direct Debit Guarantee

Signature(s) ...... Date ......

Banks and Building Society may not accept Direct Debit Instructions for some types of account.

❑ Please tick this box if you would prefer not to receive information on other offers **AFP608**

UK READERS SHOULD RETURN THIS COUPON BY FREEPOST TO: **SUBSCRIPTIONS, FUTURE PUBLISHING LTD, FREEPOST BS4900, SOMERTON, SOMERSET TA11 6BR**

OVERSEAS READERS SHOULD RETURN THIS COUPON (POSTAGE PAYABLE) TO: **SUBSCRIPTIONS, FUTURE PUBLISHING LTD, CARY COURT, SOMERTON, SOMERSET, UK, TA11 6TB**

MAGNUM RAM8
A1200 8MB Ram Accelerator

2.88 MIPS OF SPEED



LIMITED OFFER PRICES

	No FPU	33MHz FPU
0MB	£49.99	£89.99
2MB	£89.99	£129.99
4MB	£119.99	£159.99
8MB	£199.99	£239.99

Speed Increase of 2.3 times - 2.88mips ♦ Available with 0, 2, 4 or 8MB of 32-Bit RAM installed ♦ Uses Standard 72-pin Simms ♦ Optional PLCC Type FPU (floating point unit) ♦ Battery Backed Clock/Calender ♦ Finger CutOut to help Installation ♦ 0-4mb - pcmcia compatible (for use with overdrive, squirrel etc.) ♦ Zero Waite State Design.

FREE OPUS 4.12 worth £50

33MHz FPU

An FPU dramatically increases the speed of mathematical calculations (by up to 127 times!) and we would recommend it for users of graphical applications such as Image FX, Lightwave, Vista Pro, Imagine etc. Our FPU pack comes with the timing crystal and is compatible with most A1200 RAM/Processor Accelerators such as our Apollo/Magnum design, Hawk, Blizzard and Viper. If bought independent of our board the price is

£44.99

(or £40 with an A1200 board)

MAGNUM 030/40
A1200 40MHz '030 Processor Accelerator

7.12 MIPS OF SPEED



FREE OPUS 4.12 worth £50

LIMITED OFFER PRICES

	No FPU	33MHz FPU
0MB	£139.99	£179.99
2MB	£179.99	£219.99
4MB	£209.99	£249.99
8MB	£289.99	£329.99
16MB	£399.99	£439.99

Speed Increase of over 5.6 times - 7.12mips ♦ 680EC30 Processor running at 40MHz (NEW 40MHz chip - NOT Overclocked) ♦ Up to 128mb of RAM can be added ♦ Available with 0, 2, 4, 8 or 16mb of 32-bit RAM Installed (call for higher SIMM sizes) ♦ Kickstart ReMapping ♦ Optional SCSI-II interface ♦ Can accommodate a 72-pin industry standard SIMM ♦ Optional PLCC type FPU (Floating Point Unit) ♦ Battery Backed Clock/Calender ♦ PCMCIA compatible so you can still use products such as OverDrive HD or CD/Zappo CD-ROM or Squirrel ♦ Zero Waite State Design.

SCSI-II Option

The Magnum '030/40 can also be expanded via our warranty safe SCSI-II interface to support up to 6 SCSI devices with direct access to the '030 processor and memory for ultra-fast access. Our controller is also compatible with the Viper-II card. **£79.99**

PRO SYSTEM
Complete A1200 Hard Disk Kits

FREE OPUS 4.12 worth £50 — 3 YEAR WARRANTY — NEW

Yes, at long last, a professional way to install a high capacity hard disk without cardboard & glue! Our packs offer you our exclusive and copyrighted Brack-It 1200 Fitting System & a choice of high speed/low cost hard disks.

Brack-It 1200 Fitting System

Designed to accommodate the newer drives on the market offering high capacity & speed at great prices. Our pack includes robust steel fitting brackets, all Cables for power and data, Instructions & 7 disks FULL of HOT software such as Directory Opus 4.12 (worth £50), MUI 3, MCP, Galaga AGA, Virus Checker, Mods, ReOrg, ABackup and MUCH MORE. All software can be installed with our custom click 'n' go system. All drives are pre-installed with the system software & above disks - unlike others we provide the disks just in case!

540MB	£179.99
850MB	£189.99
1.0GB	£199.99
1.28GB	£219.99

Need the Drive Installed by a Professional Engineer? Our collection, fitting and delivery service is just £20 - call for more details

Prices Include the Brack-It System (normally £35) & UK Delivery

ENTERPRISE
DeskTop Workstations for all Amigas

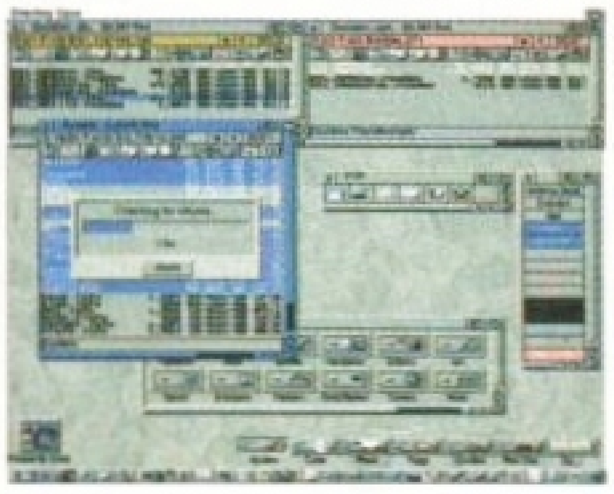


Single Workstation	507 x 95 x 315mm	£29.99
Double Workstation	507 x 155 x 315mm	£34.99
Wide Workstation	665 x 95 x 315mm	£34.99

All Sizes are W x H x D

DIRECTORY OPUS 5

AMIGA GOLD FORMAT



♦ Redesigned and rewritten from ground up. Much faster more efficient and many new revolutionary features. ♦ New Interface with more meaningful control and useful power. ♦ Amiga Style Guide compliant ensures clearer communication of information and greater control. ♦ Unlimited number of fully independent file display windows and button banks. Buttons can be defined from text or graphics ♦ Multiple configuration editors - which can be used whilst performing other tasks! ♦ Internal Multitasking allowing you to perform multiple operations simultaneously. ♦ AmigaGuide On-Line Help ♦ Advanced file type recognition system including OS3.x Datatype Support ♦ Extensive 'Drag 'n' Drop' throughout the program ♦ Advanced ARexx support ♦ Can even Replace & Enhance Workbench!

LIMITED OFFER PRICE — Workbench 2+ & Hard Disk Required — ~~£59.99~~ £29.99

QUARTERBACK DISK SUITE
Quarterback 6.1 & Quarterback Tools Deluxe

NEW

AT LAST - the Classic QuarterBack 6.1 and QuarterBack Tools Deluxe are back on sale. Considered by most as THE disk backup and disk recovery programs we have available, for a limited period, the two packages combined at an unbelievable price (normally £79.99). Disk backup and Disk Recovery/Optimisation are two key tasks that just shouldn't be left to inferior PD alternatives. Get the BEST - Get the QuarterBack Disk Suite.

LAUNCH PRICE £34.99

PC TASK 4.0
Advanced 486 PC Software Emulator

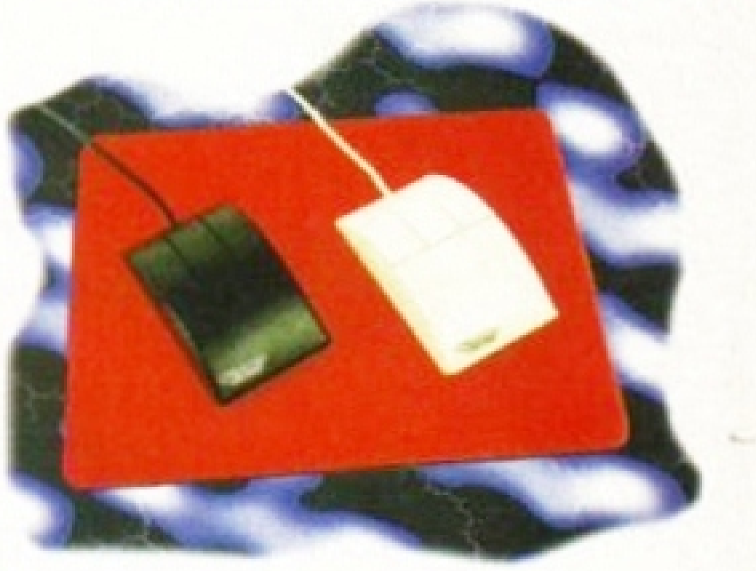
NEW

The ONLY PC Software Emulator has just got better. Still allowing you to run PC programs within an Amiga window, use your Amiga hard disk to store PC files, run Windows 3.11 & MS-DOS, version 4 now allows:- 486 Emulation (ver 3.1 was 286) to run Windows '95 and software requiring a 486 processor, Enhanced CD-ROM support, Enhanced CyberGraphics/24-bit support & many internal speed enhancements. V4.0 requires an '020 processor or better.



CALL ABOUT UPGRADES £69.99

560DPI 3 BUTTON MICE & MATS
for all Amigas & Atari STs



Award winning 560dpi Resolution ♦ 90% rating in CU Amiga ♦ Micro Switched Buttons ♦ Amiga/Atari ST Switchable ♦ All 3 buttons can be used with many programs such as Directory Opus 5

BEIGE £12.99 — BLACK £14.99 — MAT £2.99 or £1 with a mouse

BSB
Books & Videos

Insider Guide - A1200	£14.95
Insider Guide - A1200 Next Steps	£14.95
Insider Guide - Assembler	£14.95
Insider Guide - Disks & Drives	£14.95
Insider Guide - Workbench 3 A to Z	£14.95
Total! Amiga - Workbench 3	£19.99
Total! Amiga - AmigaDOS	£21.99
Total! Amiga - Assembler	£24.99
Mastering Amiga Scripts	£19.95
Mastering Amiga Beginners	£19.95
Mastering AmigaDOS 3 - Reference	£21.95
Mastering Amiga Printers	£21.95
Mastering Programming Secrets	£21.95
A1200 Beginner Pack — 2 books (Insider A1200 & Next Steps), a 60 Minute Video, 4 disks of PD to go with the books/videos	£39.95
A1200 Workbench 3 Booster Pack — 2 books (Disks & Drives & Workbench 3 A to Z), a 90 minute Video, 1 disk & Reference Card	£39.95

SATURN
External 1Mb Floppy Drive for all Amigas



FREE OPUS 4.12 worth £50

Compatible with ALL Amigas ♦ High Quality SONY Drive ♦ Robust Metal Case ♦ Anti-Click as Standard ♦ Enable/Disable Switch ♦ Low Power Consumption ♦ Thru Port for Extra Drives **£49.99**

POWERCOPY PROFESSIONAL 3
Hardware & Software Disk Backup Solution for all Amigas

We have yet to discover a program that this can't backup. Ideal to protect your expensive software library.

£29.99 or £20 with a drive

EasyLedgers 2 - The ONLY full accounts package, Amiga Format Gold - Call about Trail Offer - Demo Disk available - Hard Disk & 2mb RAM Required, £119.99 (limited offer price)

GP Fax - Send Faxes to and from your Amiga. Even Fax directly from your application. Amiga Format Gold - Amiga Computing 9/10 - Fax Compatible Modem Required - £44.99

Image FX 2.6 - Without doubt the most complete Image Processing Package there is for the Amiga. Amiga Format Gold - CU Award - 2mb & Hard Disk Required - £149.99

A500 512k RAM Expansion	£17.99
A500plus 1mb RAM Expansion	£26.99
A600 1mb RAM Expansion — All with a FREE Opus 4 worth over £50	£26.99
10 2S/DD Disks & Colour Labels	£3.99
50 2S/DD Disks & Colour Labels	£14.99
100 2S/DD Disks & Colour Labels	£27.99

SOCCER MOUSE
for all Amigas



Ideal gift for the football management game player ♦ High Resolution 400dpi ♦ 2 MicroSwitched Buttons ♦ Includes a FREE Pitch Marked Mouse Mat

~~£19.99~~ VERY LIMITED STOCKS £10

OR £15 WITH 3 GAMES — PREMIER MANAGER 2, SPACE CRUSADER & ZOOL 2

TURBOPRINT 4.1
Printer Enhancement Software



If you have a printer - you MUST get TurboPrint 4.1. It radically enhances the printouts you normally get by replacing the Amiga Printer System with the Faster and Visibly Better TurboPrint System. Options include Poster Printing, Colour Correction, Dithering, Colour Balancing, On-Screen Preview and Much More... Most printers are supported - call to check. Amiga Shopper 90%. **£49.99**

ORDER HOTLINE 01322-527800

OR FAX 01322-527810

BETWEEN 9AM AND 5.30PM, MONDAY TO SATURDAY, TO PAY BY CREDIT CARD. TO PAY BY CHEQUE OR POSTAL ORDER PLEASE RETURN THE ORDER FORM BELOW TO - WIZARD DEVELOPMENTS, PO BOX 490, DARTFORD, KENT, DA1 2UH

Order Item	Price

Name ____________________

Address ____________________

Post Code __________ Phone No. __________

CHEQUES SHOULD BE MADE PAYABLE TO WIZARD DEVELOPMENTS.

CONTACT US ON INTERNET SALES@WIZARD-D.DEMON.CO.UK

2 YEAR WARRANTY* — FREE UK DELIVERY — MONEY BACK GUARANTEE

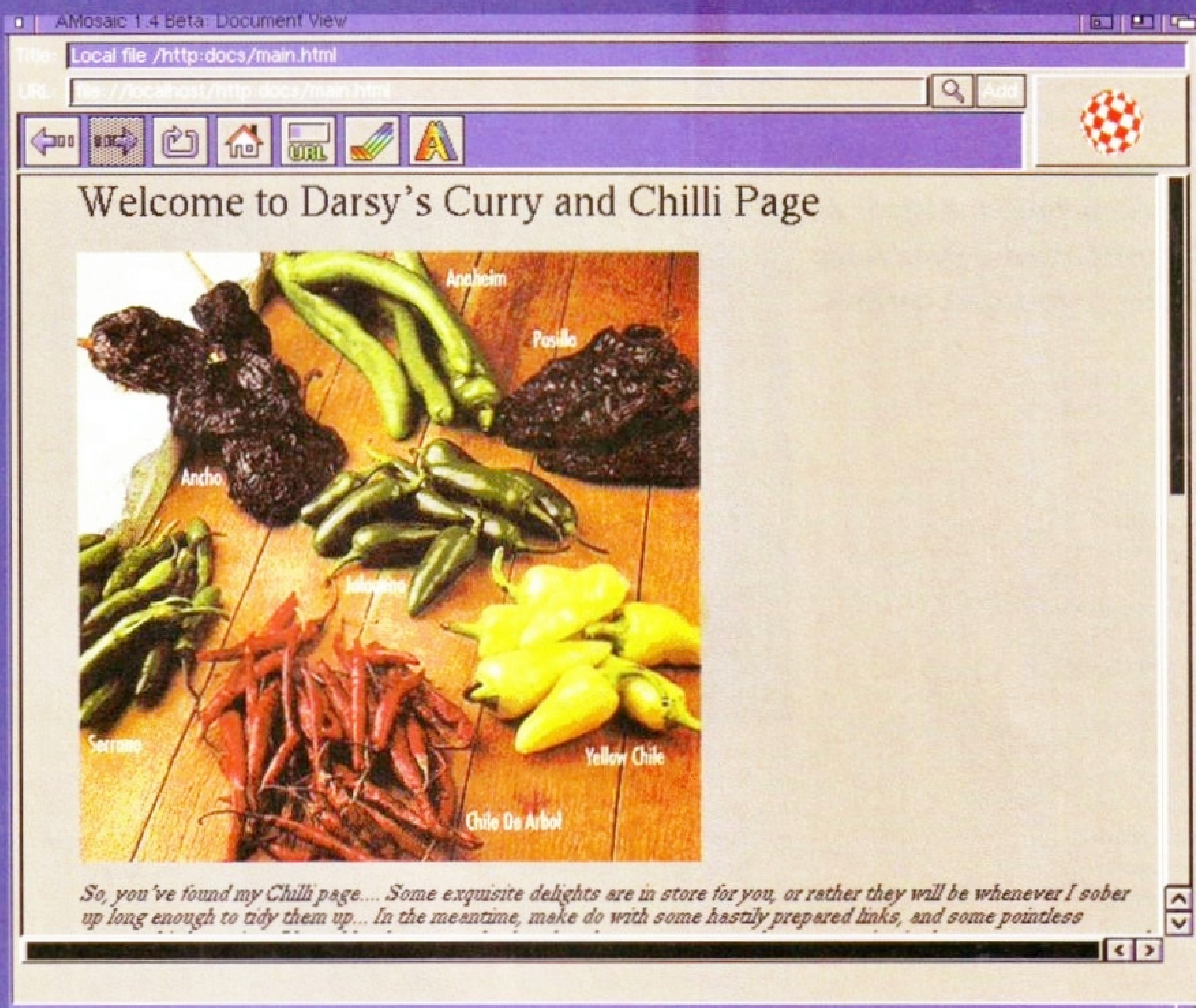
SWITCH — VISA — Access

WIZARD DEVELOPMENTS

Prices include VAT & carriage to the UK mainland. Please add £5 to your order for EC destinations and £10 for other countries. All products are subject to availability. E&OE. Advertised prices & specification may change without notice. All sales are subject to our trading conditions - copy available on request. *Warranty is 2 Years unless otherwise specified. Money Back Offer is not available on Software items.


ST FORMAT
MIND YOUR OWN BUSINESS
JAGUAR CD
REVIEWED THIS MONTH
BLUEPRINT FOR FUN
MACFORMAT
Where it's @
DIY Batman cartoons
PC FORMAT
DON'T SLIP UP!
Upgrade your PC the painless way with our huge step-by-step guide
FUNNY HA HA
SPEAK UP
Games reviewed this month
INTERVIEW: BILL GATES
E3: SNEAK PREVIEW
TECHNIQUE: Publishing on the Net
AMIGA FORMAT
Join us!
The world becomes a smaller place as we connect together
and discover how networking will enhance YOUR Amiga experience in our inspiring and extensive 7-page special
See back cover for details of the CD
RAGING
Does Primal Rage have what it takes for Gold?
GRABBING
The new generation of Vidi digitisers on test
CONNECTING
The ultimate guide to setting up AmiTCP
CASHING IN?
Is SWOS Euro '96 cynical or sensational?

CREATIVE



Darsy, or Darren Irvine as he is better known, obviously has a soft spot for curries. If you would like to view these wondrous images then follow our guide to getting connected **page 90**

AMIGA FORMAT



Nick Veitch

Well we've introduced two new tutorials for you this month. The first one coincides with last month's excellent Coverdisk. *OctaMED 5* should be a name familiar to most, but if you've ever been unsure just how to use it then **Darren Irvine** should have all the answers.

Our second new tutorial takes off where the last one finished. **John Kennedy** gave us an exhaustive 10-part guide to getting the most out of *Real 3D* but now it's **Graeme**'s turn to prove to us what he know's about *Real 3D*'s big brother – *Real 3D 2*.

TUTORIALS

Time for the Accessories...

Darren Irvine takes a look at some of the applications you'll be needing when you get online.

Last month we looked at installing *AmiTCP* – the software required to get connected to the Net. It's not actually a lot of good on it's own, and you'll almost certainly want to run additional software such as a Web browser, or IRC client. In order to get hold of other pieces of software however, you'll have to make use of one of the most basic Internet tools – FTP. FTP (or File Transfer Program) is used to copy files from other computer systems on the Internet to your own Amiga (or vice versa). All of the software mentioned here is available from Aminet – see the boxout.

AmiTCP itself comes with a basic version of this file transfer program, called *NcFTP*. This is almost a straight port of the original *Unix* implementation of FTP, and is command-line driven from the Shell.

The best way to explain how FTP is used is to give an example. Say you want to get hold of a file called "test.lha" that you know is stored in a directory "/pub/files" on a server "ftp.test.com". Firstly, you need to connect to the server using this command:

ncftp ftp.test.com

When the connection is made, you will be prompted for a username and password. In almost all cases of using FTP on the Internet, you will be using what is known as "Anonymous FTP" and this refers to the fact that you use the username "anonymous" when logging on. In most cases you will be prompted to supply your own email address as a password.

Next you should move to the directory in which the file you want is stored:

cd /pub/files

If you have mistyped the directory path, *NcFTP* will let you know, and you can try again. The next thing is to actually download the file:

bin

get test.lha

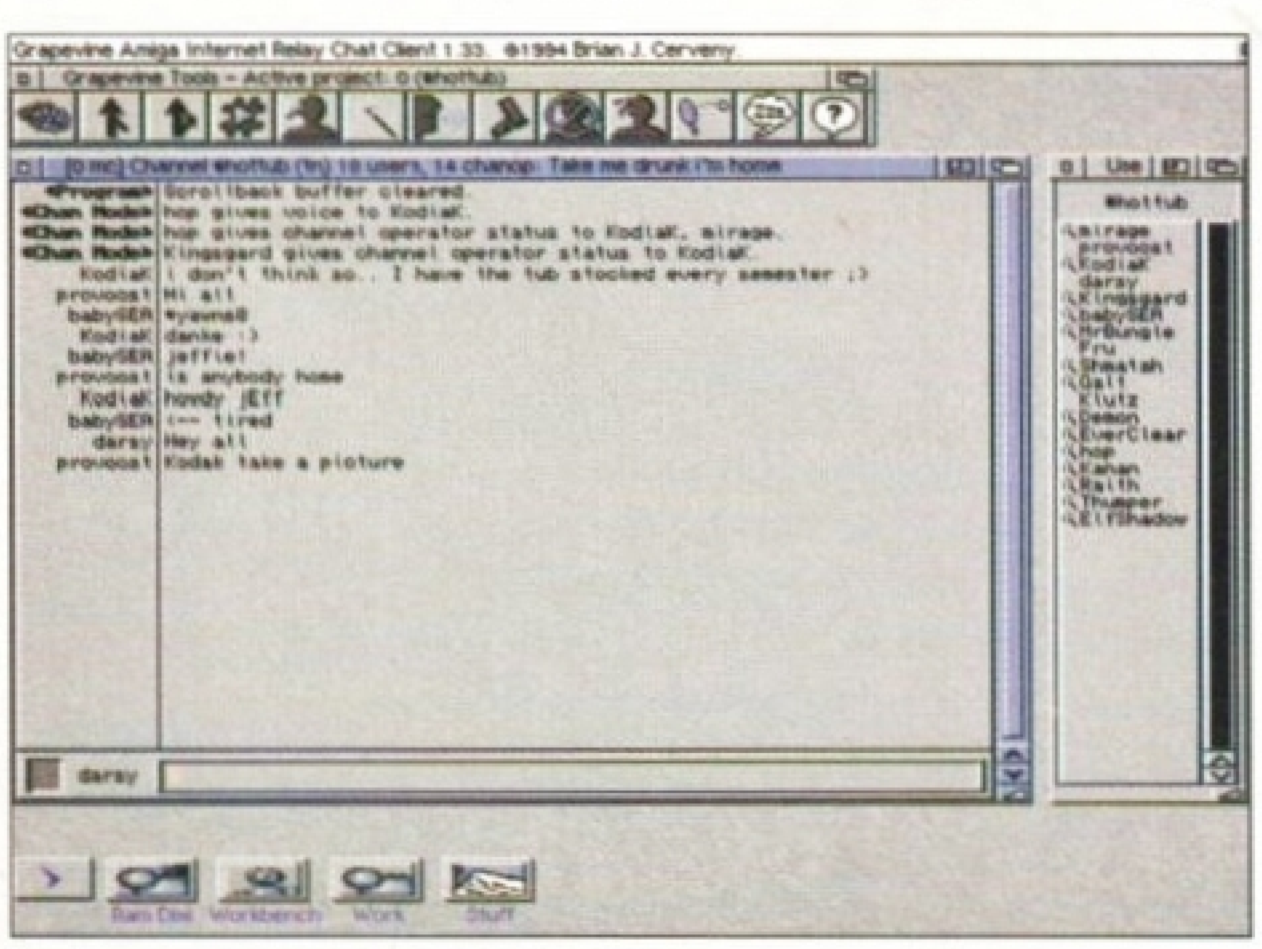
Note that the "bin" command above is used to tell *NcFTP* that the file we are transferring contains information other than plain text, i.e. 8-bit binary information. In most cases it's safer to select binary mode.

NcFTP works well enough, but it isn't exactly user friendly, and not at all what Amiga users are used to. The first thing you should use *NcFTP* for then is to obtain a replacement for it.

There are at least two main contenders and both have their advantages and disadvantages. The first is *Gui-FTP*, a nice looking system which runs in a re-sizeable window on your Workbench. Although it's easy to install, the distribution archive doesn't actually supply an icon for the program, so you'll have to sort one out for it yourself. The other main problem with *Gui-FTP* is that text-mode transfers have not been fully implemented in this early 1.1.0 version, but you can always transfer text files as binaries – it's just a little slower. On the plus side, actual file transfers are nice and quick, and support for various remote file systems is excellent – you should have no problems using any remote system from the ubiquitous *Unix*, through VMS and even Windows NT servers.

The other system which can be used as a replacement for *NcFTP* is *MFTP* – an MUI based system which runs on it's own screen, or on a shared screen with another MUI application such as *AMosaic*. The most obvious drawback with this system is that you must have already installed MUI (Magic User Interface) before you can use MFTP. In case you don't already know, MUI is a set of workbench extensions which programmers can use to build up various applications more easily . Since you will almost certainly want to install *AMosaic* on your machine, you will need MUI anyway, and so this problem becomes academic. Be aware however, that programs using MUI almost always require more than 2Mb of RAM to run properly – if you want to get the most from Internet software, you're really going to have to shell out for a RAM expansion.

Apart from the MUI consideration, *MFTP* is again a nice looking system which in some ways seems more user friendly than Gui-FTP, but certain aspects of remote file systems (most notable Unix style directory "links") are not implemented properly, and you sometimes have to resort to typing in the remote directory path by hand rather than by clicking on the directory names in the remote file requestor.



Grapevine is an easy-to-use IRC client that is very simple to get up and running.

AMINET

Aminet is the place to look for all your Internet and comms related software. All of the programs mentioned in this month's tutorial are available in the /comm/tcp directory on any of the Aminet mirrors.
Use one of the following FTP sites:

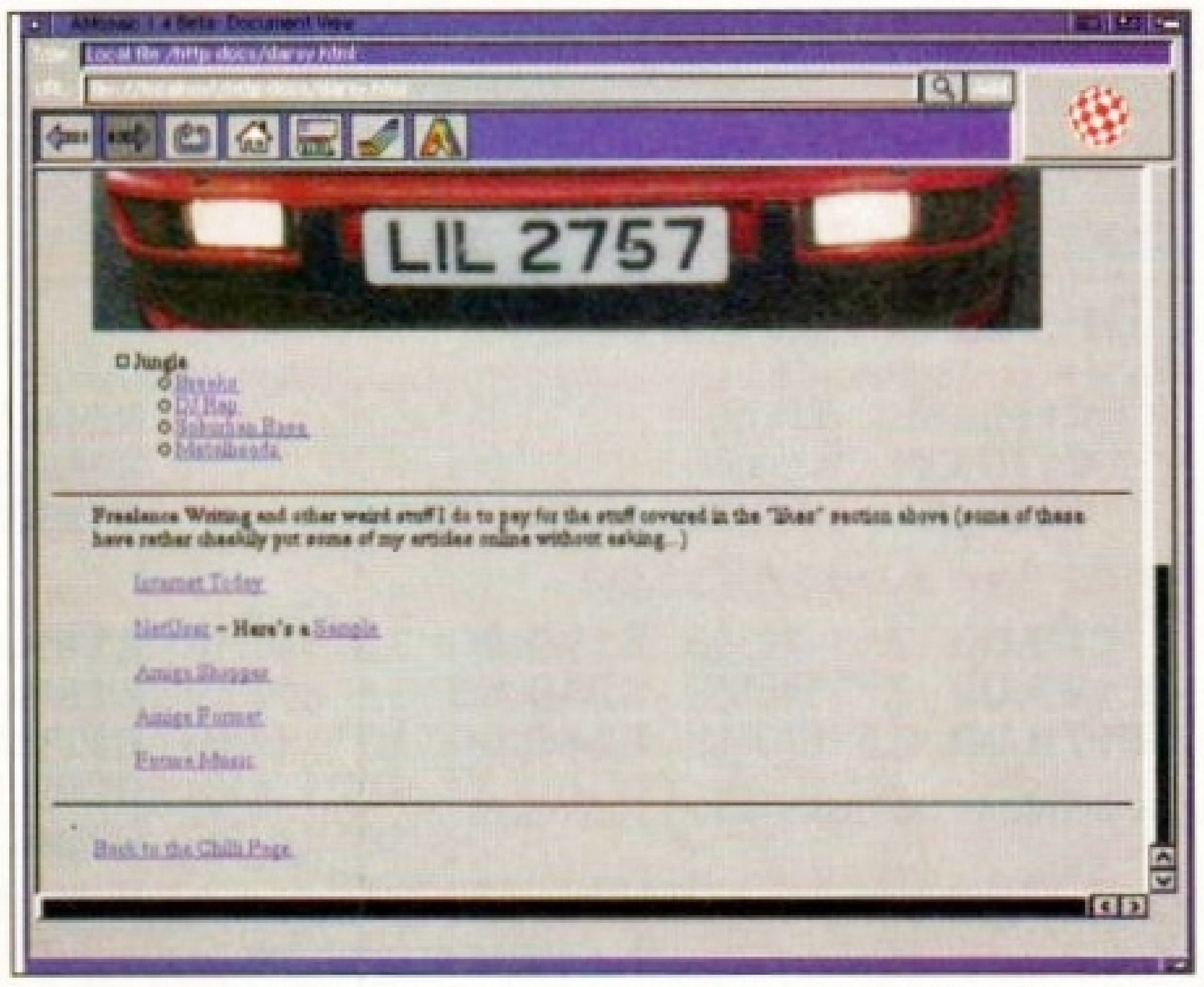
ftp.wustl.edu/systems/amiga/aminet/comm/tcp

ftp.uni-paderborn.de/pub/aminet/comm/tcp

ftp.doc.ic.ac.uk/pub/aminet/comm/tcp

The programs here are contained in the following archives in the previous directories (correct capitalisation is necessary). AmiNet is always being updated, so some of these filenames may change – do a "dir" when you start and look for a similar filename, if the one's mentioned here are wrong.

PROGRAM NAME	ARCHIVE
Gui-FTP	Gui-FTP.lha
MFTP	mftp.lha
Grapevine	grapevine-1_33.lha
AMosaic	MosaicAmiTCP.lha



The text highlighted in blue and underlined are "Links" to other pages, some on my machine and some to other peoples web sites.



To view some of these wonderful images click on any of the individual boxes or select "Load Images in Current" from the "Options" menu.

However, *MFTP* does offer the option to use old style FTP commands directly using a text requestor at the bottom of the screen – handy if you need a quick reminder of why the GUI was invented.

Which of these systems you choose to use is really up to you, but unless you really like the look of the MUI based system, and have the memory to run it, my advice would be to stick to the Workbench based *Gui-FTP*.

WHAT OTHER SOFTWARE?

Nowadays when people talk about the Internet, it seems what they really mean is the World Wide Web, and just about every type of computer currently in use has had a Web browser program developed for it. The Amiga is no exception, and there are a number of browsers available. The system that's been around for the longest is *AMosaic*, and although there are other better systems available, it's the simplest to get going – we'll look at the others later.

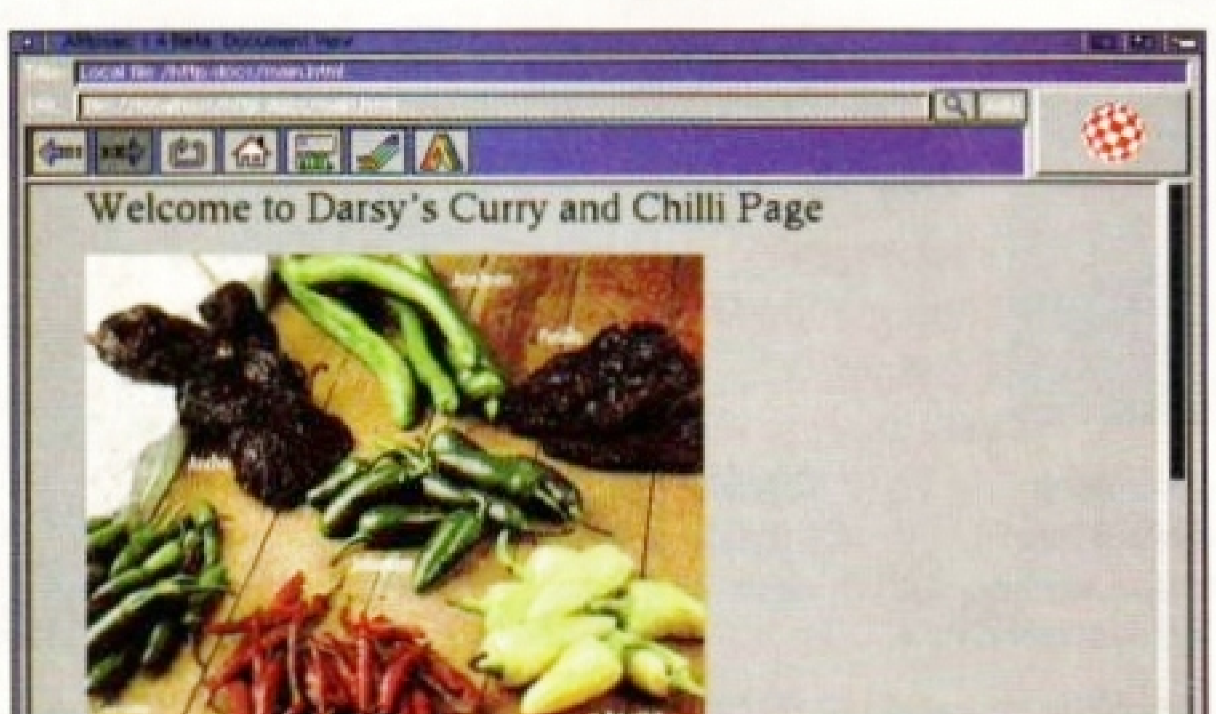
AMosaic can handle most of what the Web can throw at it – the most notable exception is the lack of support for the additions to the standard HTML that have been added by Netscape for their browser.

Like MFTP, *AMosaic* requires MUI to be installed first before it can run, and also requires more than the 2Mb of RAM found on an unexpanded A1200. *AMosaic* is, of course, easy to use – if it wasn't user friendly it would defeat the object of having a Web browser in the first place.

AMosaic has an ARexx port, allowing among other things, the user to build up a list of favourite sites as a "hotlist" that can be called up at any time allowing quick access to useful pages. There's also an extra program available (called appropriately enough "Hotlist") which allows your hotlist to be displayed in a window on top of the normal *AMosaic* screen for even quicker access to your favourite pages.

Once you manage to get *AmiTCP* up and running, actually installing the *AMosaic* Web browser is pretty simple. In the first instance, just create a directory for it and unarchive into the newly created directory. Again, calling it something like "AMosaic" would be a neat idea. Now for the bad news – to get *AMosaic* to run you need to install Magic User Interface or MUI. MUI is a shareware GUI extension system that makes it easy for programmers to create complex user interfaces with very little effort. For the user it offers the control of being able to customise the look and feel of any program using MUI. The downside is that MUI is fairly slow and also somewhat memory intensive. Installing MUI is straightforward – simply a matter of extracting the archive, and clicking on the Install icon – and waiting for quite a while.

To actually get started on the Web, simply make your connection to the Internet and click on the *AMosaic* icon. Finding your way around the Web is fairly intuitive and *AMosaic*'s own features are pretty simple to get to grips with. See the boxout for a simple tutorial. We've looked at just a few of the items of software available for use on the Net. Next month, we'll take a look at your Email system.



Clicking on the links loads in the required pages. See more of my web pages by visiting http://www.geocities.com/SoHo/1352.

JARGON

Browser – A piece of software used to navigate the WWW by displaying the Hypertext pages and allowing the user to select any the links displayed.

Domain Name – The text equivalent of an IP number. When you access an Internet site via it's name, this name is translated into the IP Number by a computer belonging to your ISP known as a Name Server.

IP Number – The 32-bit number representing the "address" of a particular computer on the Internet. You'll need to know your IP number as well as the machine belonging to your ISP that is to act as your gateway.

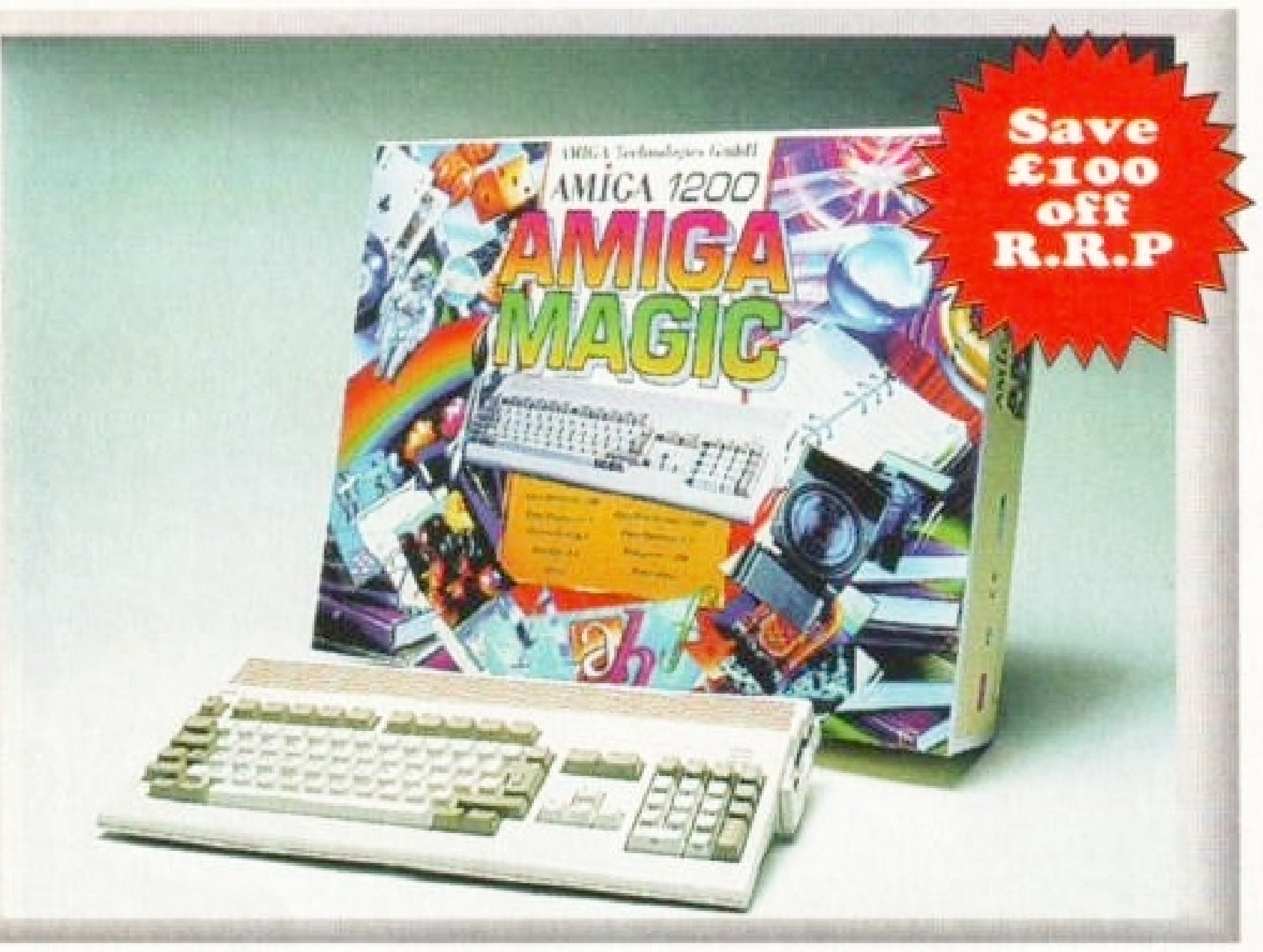
ISP – Internet Service Provider. A company such as Demon Internet or Atlas who basically sell access to the Internet. They have host machines that are on the net full time to which you dial in using a modem to connect to the Internet when you want.

SLIP – Serial Line Internet Protocol. One of the two main protocols for accessing the Internet over a telephone connection. The other is PPP – Point to Point Protocol.

TCP/IP - Transmission Control Protocol/Internet Protocol. The basic mechanism by which all data is passed across the Internet.

A1200 Amiga Magic Packs

LIMITED STOCK ONLY £295.00



Save £100 off R.R.P

PACK INCLUDES

- DIGITA WORDSWORTH 4SE
- WORDSWORTH PRINT MANAGER
- DIGITA ORGANISER
- DIGITA DATASTORE
- PHOTOGENICS 1-2 SE
- PERSONAL PAINT 6-4
- TURBOCALC 3-5
- WIZZ
- PINBALL MANIA
- WORKBENCH 3-1

EXCLUSIVE EXTRAS

- DELUXE PAINT IV
- OSCAR
- DENNIS
- WORDSWORTH AGA
- PRINT MANAGER

Please Add £5-00 postage (UK only)
Service HOTLINE Tel (0116) 247 0059
Fax (0116) 255 8643
DART Computer Services (AS)
105 London Road Leicester LE2 0PF

-DART- Computer Services
A Division of D.A. Computers Ltd
The Guild of Master Craftsmen

BUS STOP PD

UTILITIES

MAGIC DOPUS
SPONDULIX
MONITORS DISK
600 LETTERS
BELLES PAINT
STAKKER
FILEMASTER 3
MIDIPLAY
500+ EMULATOR
REMDATE
TEXTMASTER
AUTOSTEREO
FINAL WRAPPER 3
BLACKBOARD
LIONKING CLIPS (3)
1200 HD PREP
AMOS AOURCE (4)
DCA COPY
MODEM UTILS
LC GRAPH
71 UTILS
MESSY SID 2
LOCKPICK 2
OCTAMED 2
MINIMORPH
VIDEOTRACKER
DISK MANAGER 4
UK CODES
DISK MAG CREATE
SUPERSLIDE
D COPY 3.1
SPECTRUM V1.7
SPECTRUM GAMES (8)
SUPERVIEWER 2.4
SID V2
S/TRACKER MODS (10)
BITMAP FONTS (5)
DMS PRO V2.2
CG FONTS (4)
QUALITY CLIPS (5)
OCTAMED MODS (5)
KIRKS SAMPLES (3)
HOUSE SAMPLES (3)
ADOBE FONTS (H)

GAMES

PUNTER
COURSE FISHING (2)
WRESTLING (2)
CHECKER CHALLENGE
CROAK 2
FRIDAY NIGHT POOL
INNER DEMONS (4)
BLACK DAWN 2
TOP HAT WILLY
CATAPULTS
QUIZ CHALLENGE
BAT DOG
BRIDGE
MAJONG
SHOOT OUT
PROJECT BUZZBAR
DAY AT THE RACES
CHEESE
BUS STOP BLOX
BLACK DAWN
COBBLERS
DECENDER
PENGO 2
SUPERMEGAFRUITS
DARTS
100 GAMES (7)
ROAD TO HELL
MYSTERY 2144AD
DELUXE MONOPOLY
STARSTRIKE
ANT WARS (2)
CASHFRUIT
ARTILLERUS
SQUIGS
SLAMBALL
BILLY BURGLAR
ALL ROUNDER
BINGO CALLER
STRIKE
DEFENDER
BOP N PLOP
BUNNY BLASTER
WARRIOR
EXTREME VIOLENCE

SLIDES

MANGAJIN (3)
MUSCLEMANIA
AKIRA & X MEN
REVELATIONS
IRON MAIDEN (4)
SUPERBIKES (2)
LAUREL AND HARDY
CALVIN HOBBES
WATERSHIP DOWN
CATS
k d lang
WILDLIFE
BELINDA CARLISLE
CHER
SHARON STONE
CARTOON
CAT WOMAN
KIM WILDE
THE PRISONER
WWF & TENNIS
FAST CARS
ROCK ALBUM

GLAMOUR

PLEASE STATE OVER 18
TINA SMALL
MADONNA , SEX
KATHY LLOYD
MARIA WHITTAKER (3)
STRIP SLOTTER
UTOPIA (4)
CLASSIC GIRLS (4)
BEYOND FORCE (2)
SEXY DREAMS
SLAYER STARS (3)
MAYFAIR (3)
ERIKA ELENIAK (5)
CELEBRITY SPECIALS (5)
BO DEREK
GIRLS ON FILM
SHOWERING GIRLS
BUST UP
CALENDER GIRLS
MADONNA EARLY

MUSIC

DESTROY FASCISM
BLACK TRIANGLE (2)
SCOTT JOPLIN
k d land DANCEMIX
STILETTO (2 MEG)
WOO
OLD BULLS
NAMALM DEATH
JARRE LIVE
MAD PREACHER
CYBERPUNK (2)
LED ZEP
LAWNMOWER DETH
YAMMA YAMMA
LSD STORY (3)
9 FINGERS (2)
TOTALLY TECHNO
SWEET CHILD
DEBUSSY
SADNESS PT1
242
JUNGLE COMMAND
ALTERN 8
RAGGA SYKO

ACCESSORIES

P&P INCLUDED

100 Cap Box	£7.40
100 4 Colour Labels	£2.50
Disk Drive Cleaner	£3.29
8mm Mouse Mat	£3.29
500+/600 & 1200 Dustcovers	£2.99

QUALITY BLANK DISKS

10 Cap Box	£1.49
1 - 50	50p each
51 - 100	45p each
101 - 200	40p each
201 - 500	35p each
500 - 1000	29p each
1000+	24p each

5TH DIMENSION LICENCEWARE

PRICE PER TITLE £2.95
JUMP EM
ANTZ
BLOX
DISK SYSTEM
CATALOGUER 3
LOTTERY SYSTEM
SCM4 MAPPER

CULT TV/BIZARRE

JAMES BOND (3)
RED DWARF QUIZ
DR WHO (2)
DR WHO QUIZ
X FILES GUIDE
STAR TREK GUIDE (6)
STAR TREK PARODIES
DARK PORTAL (2)
PROJECT UFO (6)
ALIENS MULTIMEDIA (9)
THERAPIST
MINGSHU
FISH TANK SIM
BIRTHRIGHT
HUMAN AURA (2) (WB2+)
PARANORMAL (2)(WB2+)
STRANGE (2) (WB2+)

GAMBLING

POOLS TOOLS
RACE RATER
DIVIDEND WINNER
PRO GAMBLE
BOOKIE BEATER
PROTEUS
PRO LOTTERY
COP THE LOT

CATALOGUE - 50P LISTING OUR VAST LIBRARY. CLR LICENCEWARE ETC

We also have lots of good quality second hand games at very reasonable prices. At present we have lots of RPG, Adventure, War Simulations, Sport, Platformers and Shoot-em-ups, so if you want a game and you can't find it then we may have it, you never know.

All titles work on all Amigas, all titles are single disks unless otherwise stated in brackets

Tel: (01455) 554982
EMAIL: lisa@busstop.demon.co.uk
Between 9am & 9pm
Disks normally dispatched in 24 hours
P&P 50p PER ORDER, NOT PER DISK
EUROPE 15p PER DISK
R.O.T.W. 30p PER DISK
EUROPE MINIMUM £1.00
R.O.T.W MINIMUM £1.80

ALL DISKS 90p EACH
PLEASE MAKE CHEQUES & POs PAYABLE TO BUS STOP P.D. AND SEND IT WITH YOUR ORDER OR PHONE YOUR ORDER IN TO LISA OR CHERYL ON OUR CREDIT CARD HOTLINE] OPPOSITE

BUS STOP P.D. (AF)
2 WYCLIFFE TERRACE,
GILMORTON ROAD,
LUTTERWORTH,
LEICESTERSHIRE
LE17 4DX

NEW MULTI I/O CARD FOR AMIGA 1500/2000/4000 'SPIDER'

Active 8 port high speed serial card, Multiboard Support, 57600 Baud rate on all channels simultaneously. Output through 8DB25 plugs. Electromagnetic Interference suppression. Suitable for Chatline operations, Internet (SLIP/PPP/Dial up), Remote terminals, Bar Code readers, Serial printers.

Improve the efficiency and productivity of your Amiga with SPIDER **£299.00**

NEW ALFAQUATRO

Specially made hardware and software. Allows 4 ATAPI devices i.e. 2 IDE hard disk & 2 IDE CD ROM to AMIGA 4000 internal IDE controller, through Alfapower on AMIGA 500/500+ and possibly AMIGA 1200. **£59.00**

NEW ETHERNETT CARD FOR AMIGA £185.00

CD Rom Drives & Hard Drives

Hard Drives + controller for: A500(+)/A1500/A2000/A3000/A4000

120MB	£159.00	1.0GIG	£249.00
250MB	£179.00	1.2GIG	£269.00
540MB	£209.00	4MB External RAM for A500/500+	£129.00

Hard Drives for A600/A1200

2.5" 120MB	£79.00	2.5" 420MB	£199.00	3.5" 540MB	£149.00
2.5" 250MB	£129.00	2.5" 540MB	£249.00	3.5" 850MB	£159.00
2.5" 340MB	£179.00	2.5" 810MB	£349.00	3.5" 1.0GIG	£179.00
				3.5" 1.2GIG	£199.00
				3.5" 2.0GIG	£295.00

(includes instructions and installation software)

IDE Quad Speed CD-ROM Drives

for A500/500+ (requires AlfaPower v6.8 + Hard Drive)	£169.00
for A600/A1200 (inc CD32 emulation) (PCMCIA)	£159.00
for A1500/A2000/A3000/A4000	£109.00



Stop and Think

2.5" 210MB £90 3.5" 540MB £129
Quad Speed CD Rom Drives from £59

256 GreyScale Scanners/AlfaScan Plus	£99.00
Scanner Pad £9.95 (Free With Any Scanner)	
Multiface III card	£79.00
AT-Bus-2008 IDE controller	£69.00
Octogon-2008 SCSI controller	£99.00
AlfaPower A500 IDE controller	£99.00

Grade A Double Density Disks: 50 disks £12.00 100 disks £20.00

Ram Cards/Memory

A500+ 1MB w/o clock	£29.95
A600 1MB w/o clock	£29.95
A1200 1MB with clock	£69.95
A1200 2MB with clock	£99.95
A1200 4MB with clock	£99.95
A1200 8MB with clock	£169.95

72pin SIMMS

2MB	£49.00
4MB	£49.00
8MB	£99.00

ZIP RAMS £89.95/2MB

Optical Mouse	£29.95
Optical Mouse Mat	£5.00
Amiga PSU for A500, A600 & A1200	£29.95

New Pen Mouse Just In £19.95

Apollo 1220 28MHz Accelerator

Give your A1200 350% Performance Includes Clock & 28MHz FPU

1220 Bare Board	£99.95
1220 with 4MB Memory	£149.95
Wiper Board 1230 with 4MB	£169.95

Amiga Format GOLD

Auto Mouse/Joystick Switch £12.95





PCF Recommended

80 watt Speakers	£39.95
240 watt Speakers	£49.95
3D Sound Speakers	£59.95

External Floppy Drive £39.95 with Through Port



Mega Mouse 400	£9.95
Mega Mouse Plus	£12.95

(Three button version with 8' cable Performance **97%** A.U.I)

All prices include VAT. Please add £3.50 P&P for items under £30.00, £5.00 for items over £30.00, £8.00 P&P for Scanners, Speakers & Hard Drives, £10.00 P&P for next day.
GoldenImage accepts Access, Visa, Cheques & Postal Orders. E&OE. Prices subject to change without notice. Goods subject to availability. Specifications subject to change without notice.

GoldenImage (UK) Ltd
Unit 65, Hallmark Trading Estate, Fourth Way, Wembley, Middx HA9 0LB
Sales Hotline No: 0181 900 9291 Fax: 0181 900 9281

OctaMED Tutorial

OctaMED 5 **is the latest version of the Amiga's favourite music programme and Darren Irvine has some advice on getting started.**

What exactly is *OctaMED*? *OctaMED V5* is the latest version of a program that most people interested in using their Amiga for music have been using for as long as they can remember. It falls into the general category of music software known as "trackers", which basically means that it lets you make tracks consisting of the Amiga's internal samples.

The original trackers allowed up to four of these tracks to be grouped together to form a "block", since four is the number of samples that can be played at once be the Amiga's hardware in normal circumstances. The tracker software then allowed you to construct a number of different blocks and to then string these blocks together to form a song. Commonly, when a song and it's samples are saved together in one file, this file is known as a "Module".

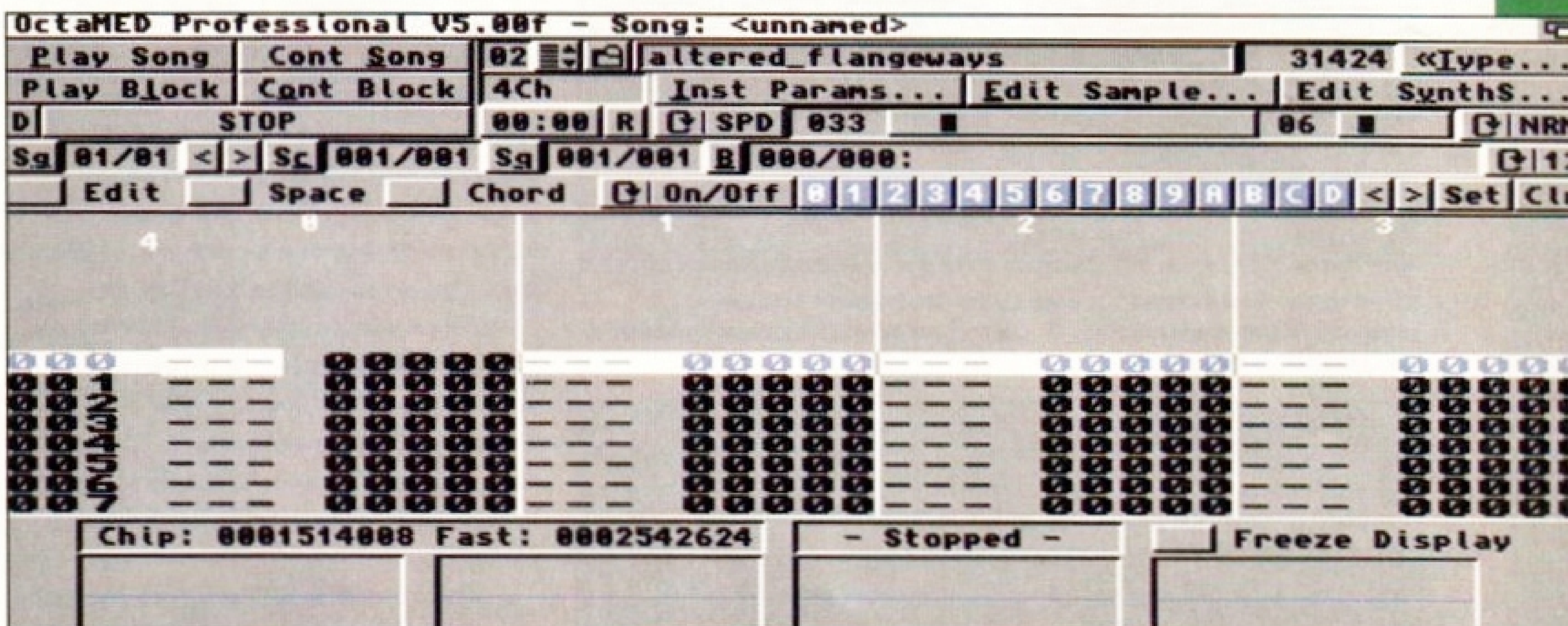
OctaMED was the first tracker to make use of extremely clever programming techniques to enable the doubling of the number of samples that could be played (hence the "octa" part of the name – the previous version of the program was simply called "MED").

CONFORMING

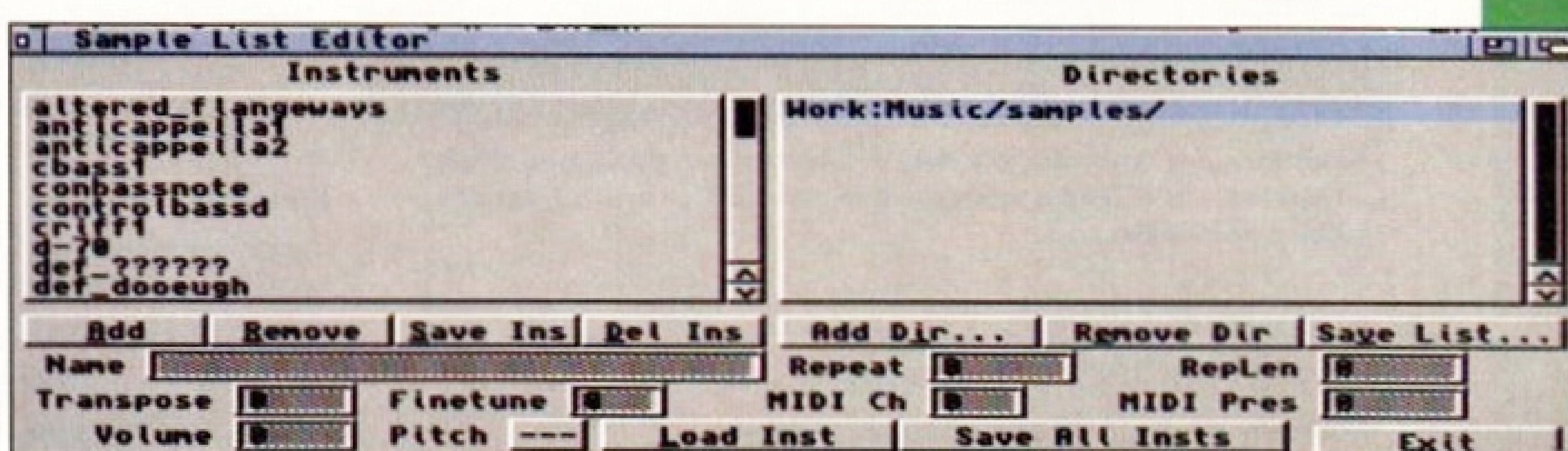
The original versions of the program also featured a rather non-standard user interface, but by the time version 5 arrived, the program conformed to all the Amiga GUI requirements. By this stage too, the number of tracks per track had been increased to an impressive 64, although 8 is still the limit for internal samples – the rest can be used for such purposes as playing external instruments via MIDI.

It's by using MIDI that *OctaMED* can compete with purpose designed sequencing software, and if you are intending to use a combination of the Amiga's internal samples and an external synthesizer or sound module, then *OctaMED* is a near-perfect solution.

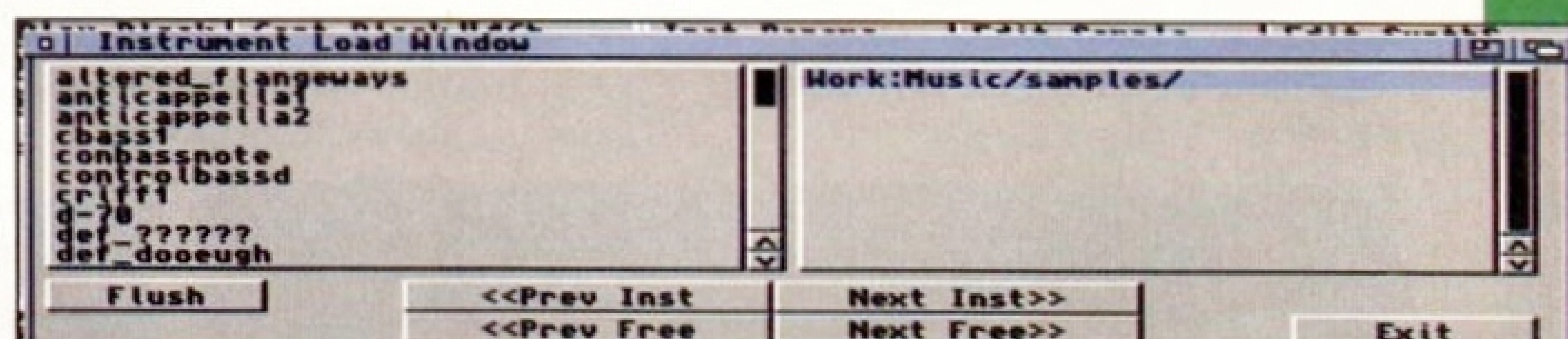
It also features built-in sampling software, so you don't have to mess around with yet another piece of software to create your samples in the first place – and of course *OctaMED* supports the loading in of the standard Amiga sample format files, so you can use other peoples samples. In fact, you can use other peoples modules – even if they were originally created using trackers other than *OctaMED* – all major formats are supported, as are the older formats of MED and *OctaMED* modules.



When you first run *OctaMED 5*, the screen can seem a bit daunting with a huge array of requestors and buttons available in addition to the pull-down menus. It won't take you long to get to grips with the basics however.



To get started, you first need to set up the directories in which you wish to place your samples. Use the "Sample List Editor" option from the "Display" menu. You can then add any number of directories on any partition of your hard drive.

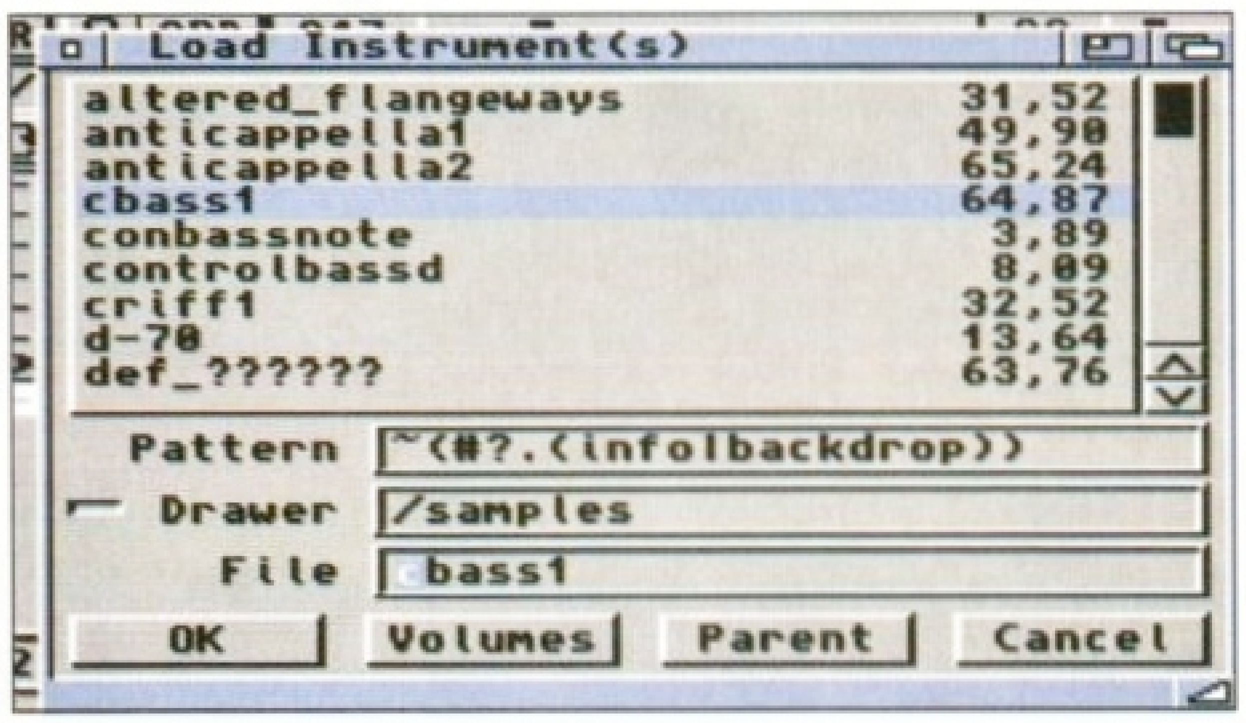


Once you have set up your sample lists, any samples contained in any of the directories you have set up will be made available in the Instrument Load Window. This means that you can group similar samples into separate directories, but still have them instantly accessible from just the one place.

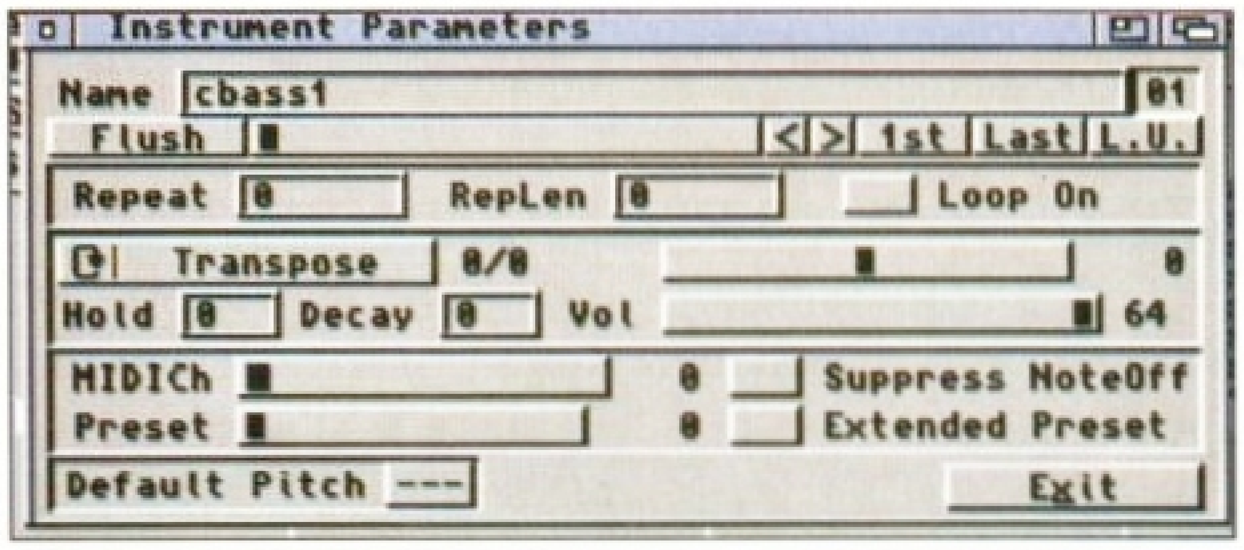
GETTING STARTED

Initially, the *OctaMED* screen can appear pretty daunting, bestown as it is with a wide range of buttons and requestors – along with the distinctive track lists in the centre of the screen. Perhaps the best way to get a feel for the basic principles behind *OctaMED* is to load a sample, and see how the keyboard controls the sound that is played. It will help here to have a bit of an idea of how notes on a conventional piano style keyboard are arranged, but even if you are a complete newcomer to the world of music, you should be able to get going anyway, by just playing what sounds good to you.

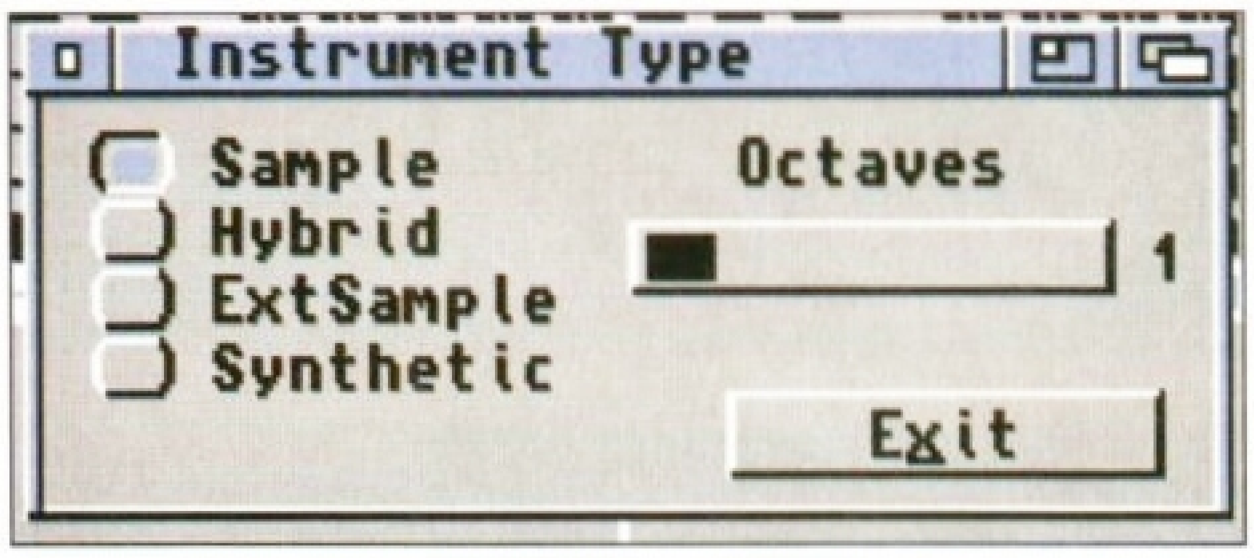
Continued overleaf ➡



You can also use samples that are not contained in any of the directories that you have set up (for example, samples that are on floppy) by using the "Load Instruments" requestor.



Clicking on "Inst Params" brings up the Instrument Parameter window. This window is used to control all of the basic attributes of an *OctaMED* instrument.



The Instrument Type window determines the overall nature of the instrument. For example whether it is a sample or synth sound or a combination of the two.

← 1. BRING UP THE LOAD INSTRUMENT WINDOW

This can be done in one of three ways – either select "Load Instrument(s)" from the "Instr" menu, or click on the Load Instruments button (it's the fourth button from the left on the top row – the one that looks like a folder).
The third way it to use the keyboard shortcut – "Amiga + I".

2. MOVE INTO THE DIRECTORY

This is the directory where you have put your samples (if you don't have any, you're not going to get very far with *OctaMED* – there are some with the supplied installation of *OctaMED*).

3. LOAD A SAMPLE

This is done by double-clicking on its name in the requestor. For now, pick a fairly simple sound, such as a piano or an organ.

Now we're going to see how the Amiga keyboard has been mapped to represent a piano-type keyboard. Later on we'll see how you can use a MIDI keyboard to much simplify entering notes in *OctaMED*, but for now we'll stick to basics.

The keyboard has been separated into two groups of two rows, each representing just over an octave of notes (with the upper half of the keyboard being one octave above the lower one). In addition to this, the control of which two octaves are in use is determined by the cycle-gadget on the far left of the screen, four rows of buttons down. Initially this will be set at "12", and each cycle moves the octave in use up by one, until it loops back to 12 again.

This sounds a bit complicated, but in practice it's fairly easy to get to grips with. With the octave cycle-gadget set at "12" the keyboard mappings to real notes are shown in the next column.

Setting the cycle-gadget to the next setting (23) means that the initial note on the keyboard ("Z") is C-2 and the next (34) means "Z" is C-3 and so on, with the other notes on the keyboard changing simultaneously. One thing to bear in mind here is that not all samples will play over the entire range of notes that *OctaMED* is capable of playing – in fact, most will only work over a three or four octave range, and will only sound good over a range of a couple of octaves. (Note – a trick we will come to later on is sampling the same sound at a number of different octaves to extend it's usable range.)

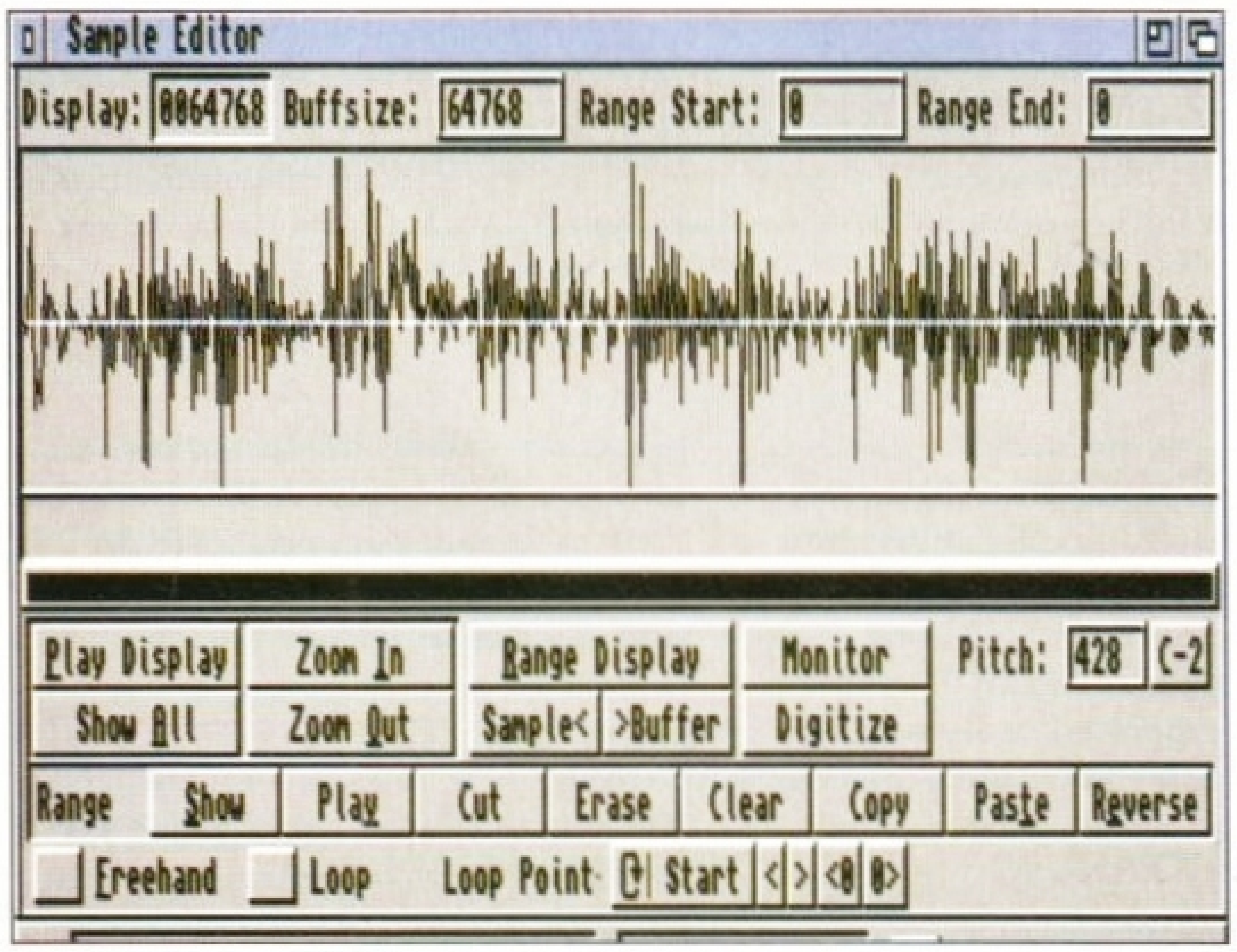
Play about for a while to get a feel for how the keyboard is arranged – if the sample you have loaded doesn't seem all that useful, go ahead and try a few others – the keyboard mapping will be the same regardless.

KEYBOARD MAPPING TO REAL NOTES

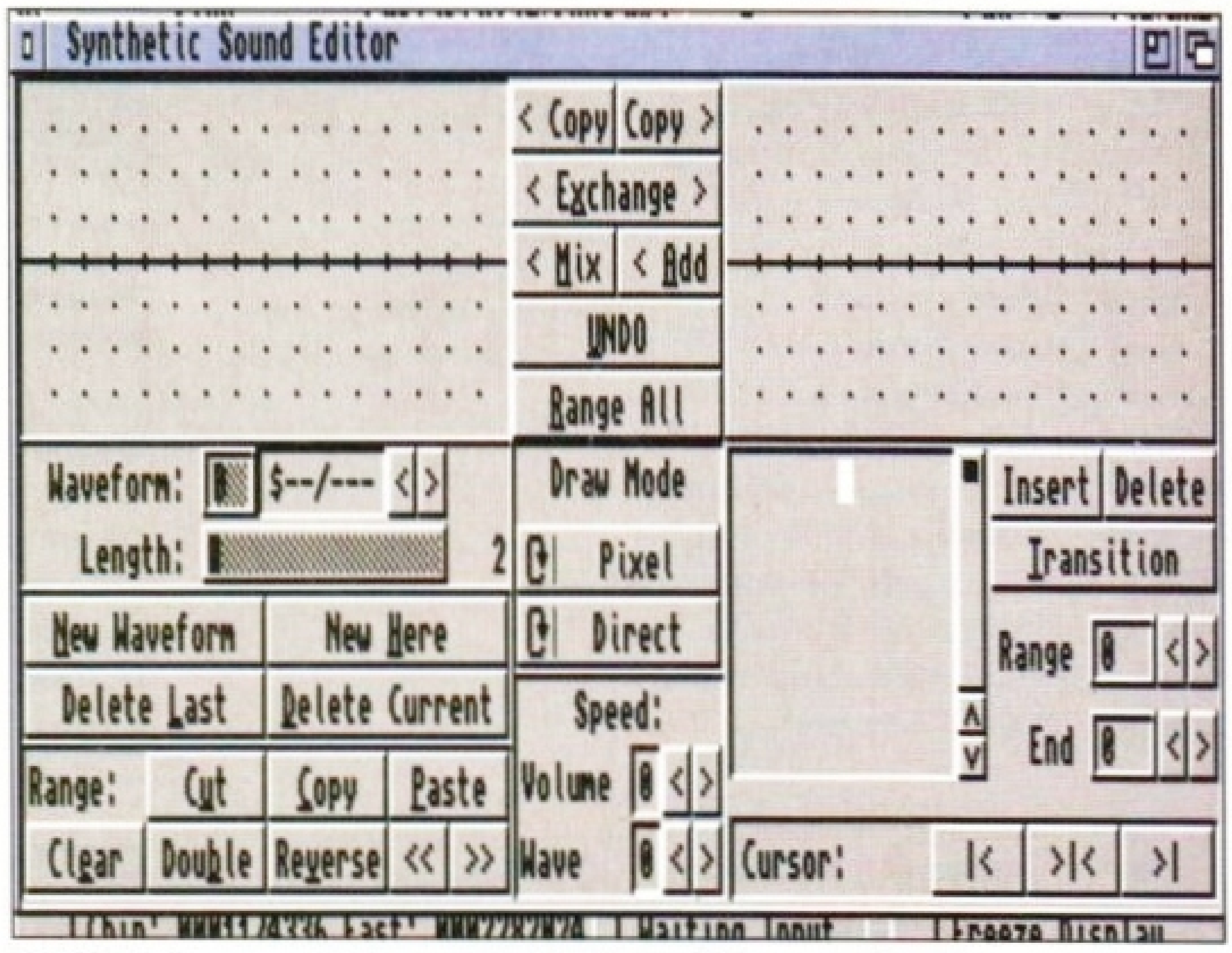
Z	C-1
Q	C-2
S	C#1
2	C#2
X	D-1
W	D-2
D	D#1
3	D#2
C	E-1
E	E-2
V	F-1
R	F-2
G	F#1
5	F#2
B	G-1
T	G-2
H	G#1
6	G#2
N	A-1
Y	A-2
M	A#1
7	A#2
,	C-2
U	B-2
L	C#2
I	C-3
.	D-2
9	C#3
;	D#2
O	D-3
/	E-2
0	D#3
P	E-3
[	F-3
=	F#3
]	G-3
\	G#3

RECORDING A TRACK

There are two main methods of recording an *OctaMED* track – Step Time and Real Time. The first of these



OctaMED can be used for creating your own samplers, and the program also incorporates a useful sample editor for trimming and looping your samples.



OctaMed also supports it's own synthesizer, which means that you can create your own sounds from scratch.

involves entering each note of the track in the appropriate place in time for that track – i.e. if you want a kick drum sample to be played on every fourth note of a track – you physically move to the fourth note and press the key corresponding to the pitch at which you want the kick drum sample to be played.

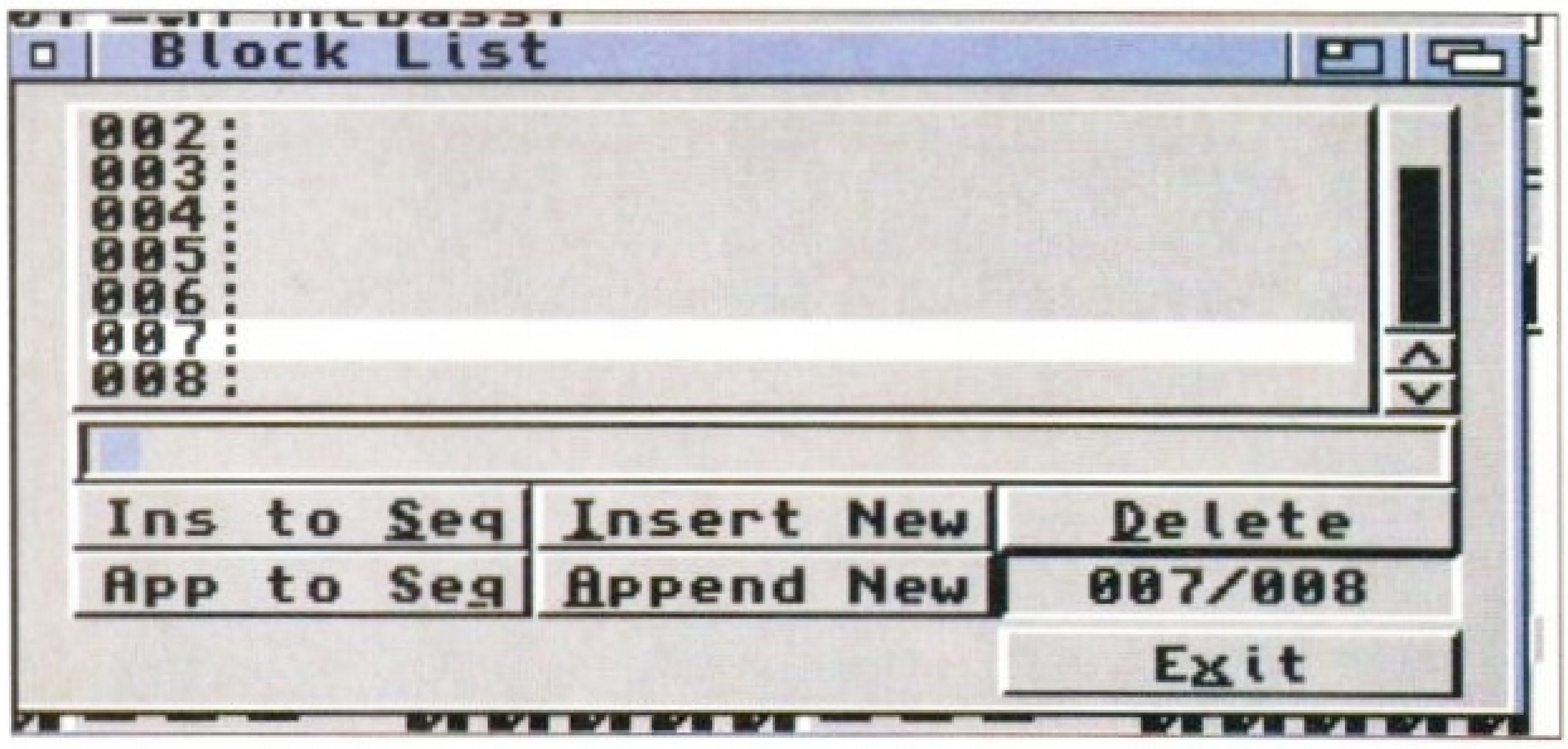
Once you have at least one track keyed in in step time, you can record more tracks in real time, by clicking on the "Play Block" button – this will endlessly loop the tracks you have recorded so far and you can record more tracks (or add to the existing one) by playing along in real time. Note to stop the looping of the so-far recorded tracks, either click on the "Stop" button or press the space bar.

To be able to use either recording method, you must click on the check-box beside the word "Edit", signifying strangely enough that *OctaMED* is in Edit mode. In this mode in step time any keys you press on the keyboard will be recorded in the current position of the track on which the cursor is sitting, and the cursor will move to the next time position. In real time mode (when you have clicked on "Play Block" the notes will naturally enough be recorded in whatever position of the track happens to be underneath the cursor at the time you hit the key).

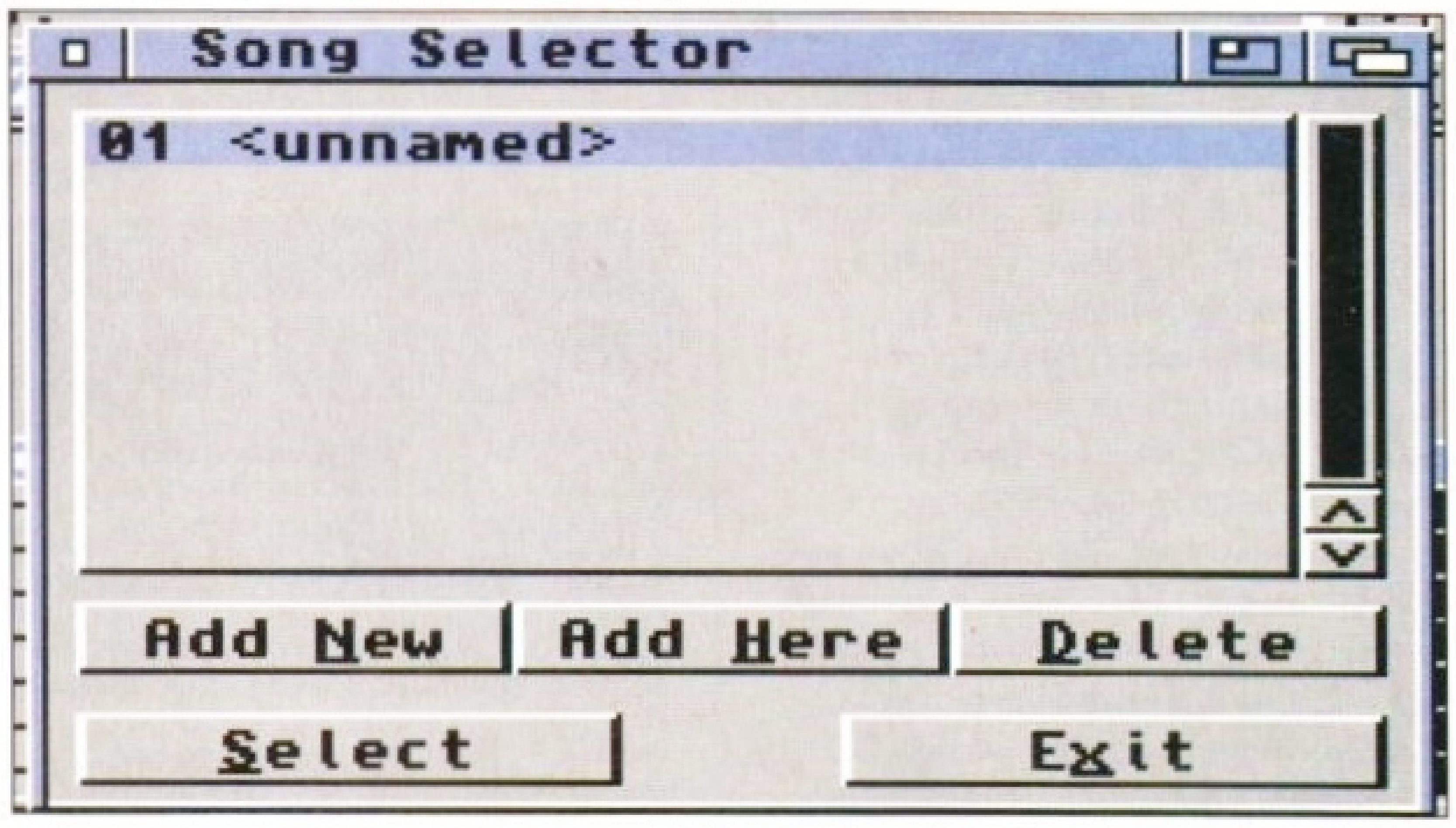
To get the feel of how OctaMED works, play around with recording different tracks – use a few different samples. You will soon get to grips with the basics of constructing a track – and when you have recorded several tracks simultaneously on different channels, you will have created a block.

NEXT MONTH

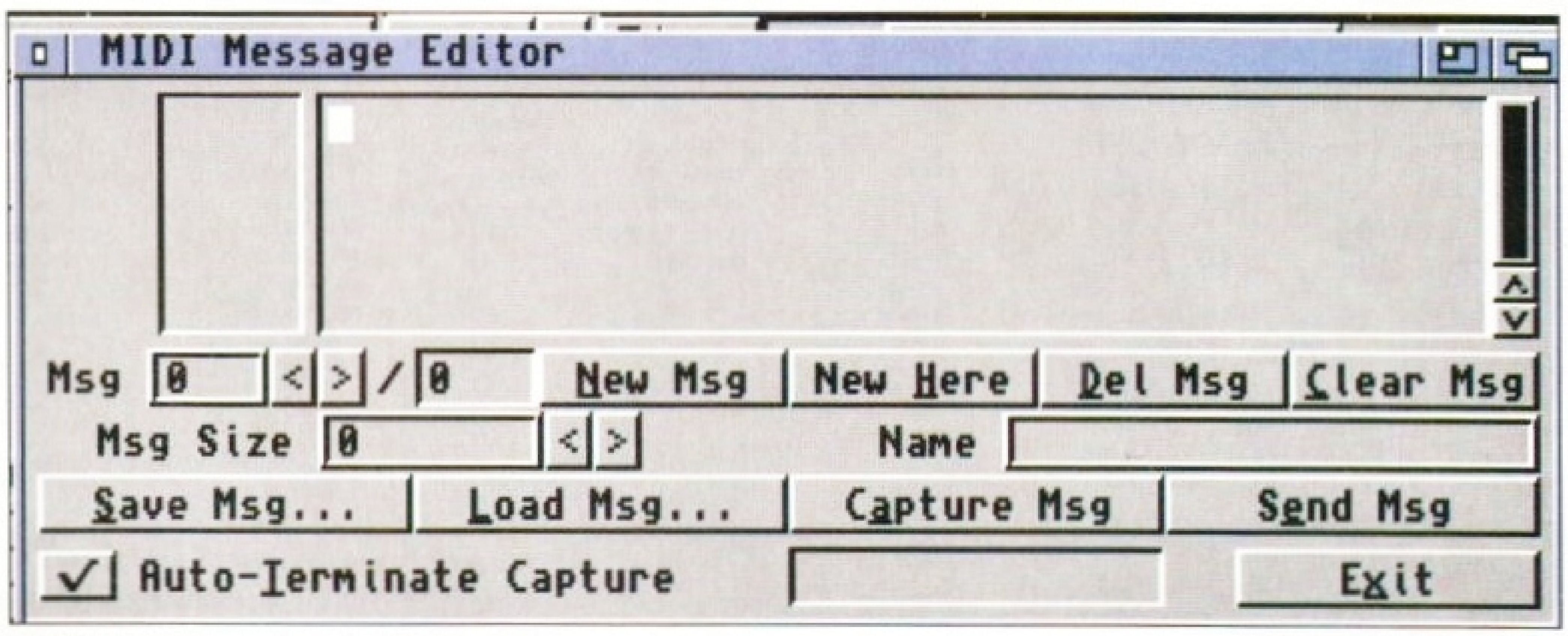
We'll be looking at how the simple recording techniques involved in creating tracks and blocks can be extended to creating entire songs and modules.



OctaMED songs are made up of a series of blocks, and you can select which block that you are currently editing using the Block List window.



You can also have a number of songs in memory at the same time, and the Song Selector window determines which song is currently in use.



OctaMED has comprehensive MIDI support, and the MIDI message editor window can be used to send SysEX and other MIDI data directly to external sound modules or synthesizers.

JARGON

SAMPLE

The Amiga's internal sound system operates by playing back long strings of numbers which are a digitised representation of a sound – these strings are known as "samples".

You can create samples yourself using a small external piece of hardware that connects to the parallel port of your Amiga, or you can obtain samples created by others – most Amiga BBSs have file areas of samples, and if you are lucky enough to have access to the Internet, you will have no problems at all obtaining a wide range of samples.

TRACK

This is the basic unit of a song composed on OctaMED (hence the descriptor – "tracker"). A track is basically a set number of notes (typically) 64 played automatically one after another at a given speed (which is known as the "tempo" of the track).

BLOCK

A block is a group of up to 64 tracks, playing simultaneously. With OctaMED you can have up to eight tracks of internal samples, and the rest can be used to trigger external instruments via MIDI. You can also define up to a massive 999 blocks per song.

SONG

A song is basically a number of blocks that have been strung together. A song need not be composed entirely of separate blocks – indeed, it's common to play the same block a number of times before changing, and you can even return to re-use a block as often as you like within a song.

MODULE

Although you can save song data on it's own, and load the samples used in it separately, it is common to save both song and samples in one file – known as a "Module". Most BBSs have Modules composed by Amiga musicians on them, and AmiNet on the Internet is a huge repository for modules composed by Amiga users around the world – when you get proficient at using OctaMED there's no reason why your modules can't be there too.

MIDI (Musical Instrument Digital Interface)

A standard set in the 80s to allow musical instruments to communicate with one another and with computers. OctaMed has comprehensive MIDI support, allowing you easily to combine external sounds with the built-in samples or your Amiga.

Real 3D Version 2

We gave it away on our CD, now we're giving you a complete tutorial series, courtesey of the master, Mr. Sandiford.

After a series of tutorials on *Real 3D Classic* it's time to move onto bigger and better things – *Real 3D version 2*. *Real 3D2* is truly amazing. It's the single most powerful 3D animation system available on the Amiga and it embarrasses several graphics workstation programs in terms of features. Best of all it was yours free of charge on AFCD1 (issue 85). Unfortunately the CD-ROM edition was in short supply – I barely got one myself – and not everyone got a copy. So, as it only takes up a measly 6Mb of disc space we've put it on this month's CD.

However, power always comes at a cost and *Real 3D* is no exception. You will need a powerful machine to get the best out of the program. 6Mb of RAM and an FPU is enough to get you started and you'll certainly benefit from a faster processor and more RAM if you intend to take advantage of all the features *Real 3D* has to offer.

Although there are huge differences in terms of features, the two programs have a lot more in common than it might first appear. Although *Real 3D2* looks different and complicated, it works in a similar way to its predecessor – it's just more configurable.

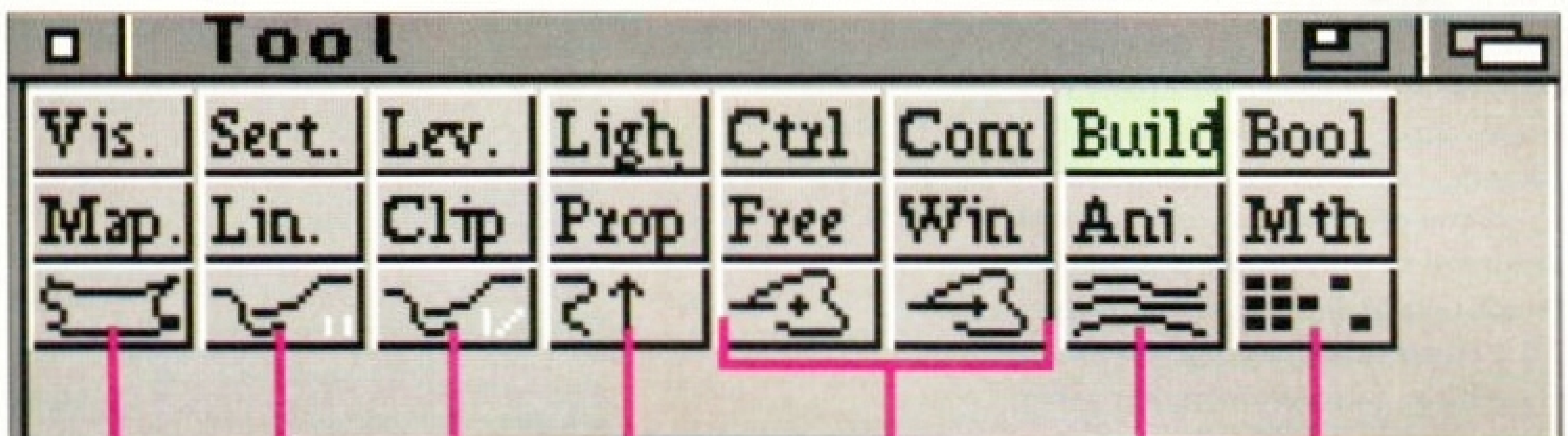
Right, rather than drop you in at the deep end with explanations of tangential forces, collision detection and the like we thought it best to start with the basics. This first installment will concentrate on the Tool window and won't go into too much depth on each feature, but remember there is on-line help available by pressing the Help key and the Amigaguide contains some good information.



A very nice selection of glasses – but I'd much prefer it if they were full of fluids

BUILD TOOLS

This icon will bring up some of *Real 3D2*'s most powerful modelling tools – splines. They have the advantage of appearing extremely smooth when rendered and can be used to make organic shapes. Be warned though, they can take ages to render – *Real 3D3* is much quicker...



Mesh – a simple grid made up of splines (aka a spline patch), which can be very flexible.

Coplanar Sweep – creates a surface by sweeping one curve along another.

Orthogonal Sweep – similar to above, but rotates the profile curve along the sweeping curve (this will be explained further in a later tutorial).

Rotate – this works in the same way as it does in most programs – creates a surface by rotating a profile.

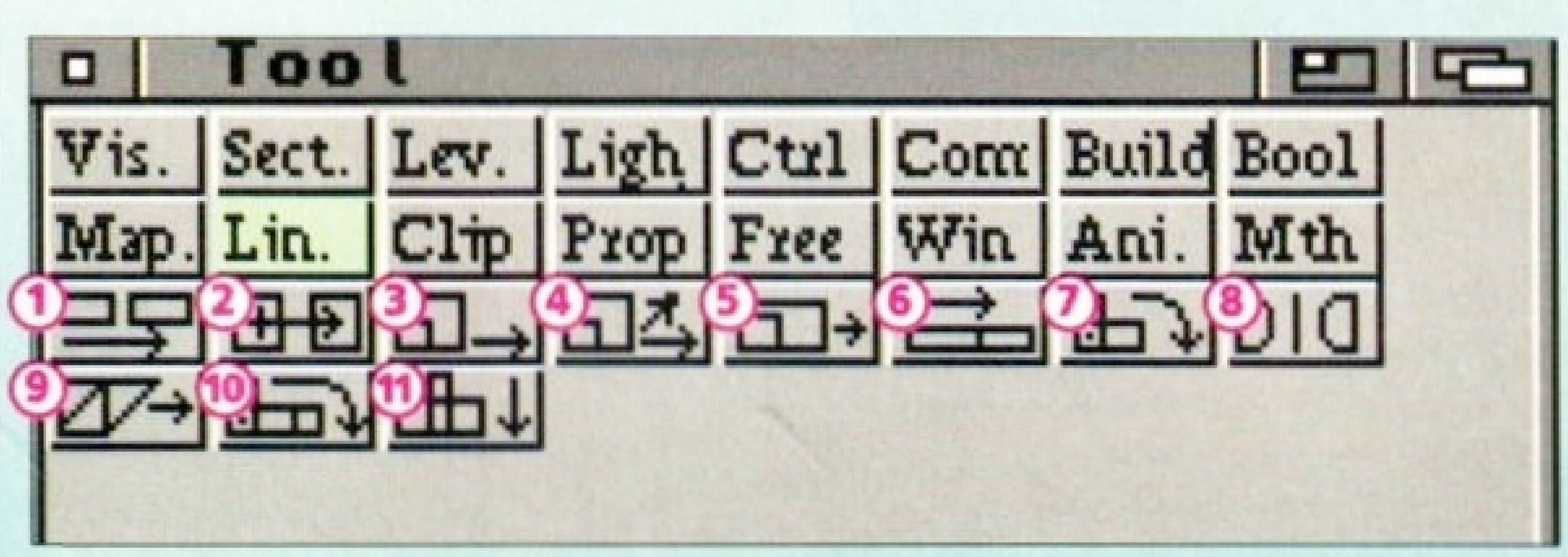
Swing/move and Swing/size – similar to rotate, but has extra curves to move or size the profile along.

Build from Curves – takes a selection of curves and turns them into a mesh.

Pixel tool – same as version 1.4.

LINEAR MODIFICATIONS

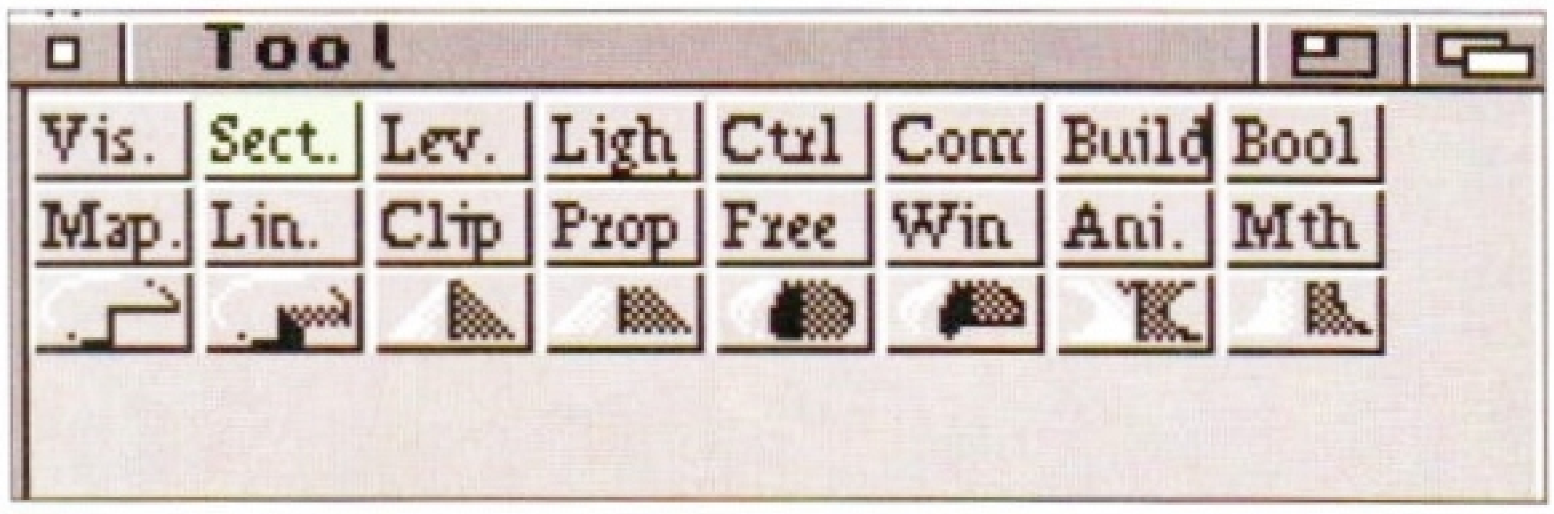
If you want to move, stretch or scale your objects you need to use this group of tools to do so. They are pretty straight-forward to use, just select your object click on the appropriate tool and you're away.



1. Move
2. Move Centre of Gravity
3. Size 2D
4. Size 3D
5. Stretch
6. Extend
7. Rotate
8. Mirror
9. Shear
10. Rotate/Extend
11. Deform


You too could create a whole series of your own Baywatch babes.

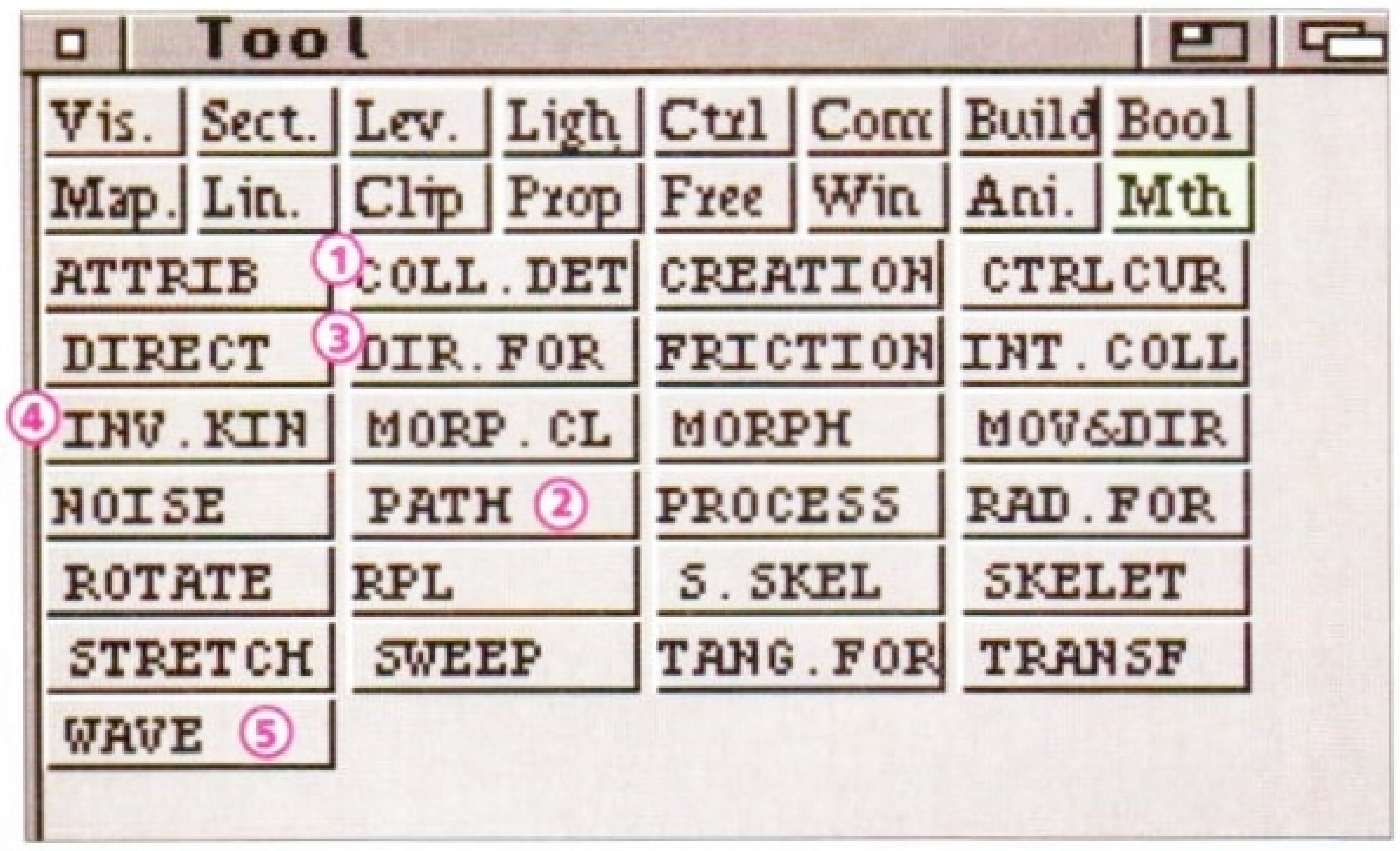
SECTION



This selection of tools are used to create sectional objects. The best way to think of them is as objects with bits cut out. They are quite straight-forward and all create objects look like their icons, although you may need to experiment a bit.

METHODS

Here-in lies the true power of *Real 3D2*. Methods are different ways of, or indeed methods, of animating your objects. They are very powerful and more than a little confusing, but are well worth getting to grips with. Essentially, like the rest of the program, the methods rely on having the correct hierarchy structure. If you following the structure and explanations in the help file they should work.



1. Collision Detection – this works by detecting collisions between different objects and enables them to respond to that contact.

2. Path – a simple and direct method. Moves an object along a curve.

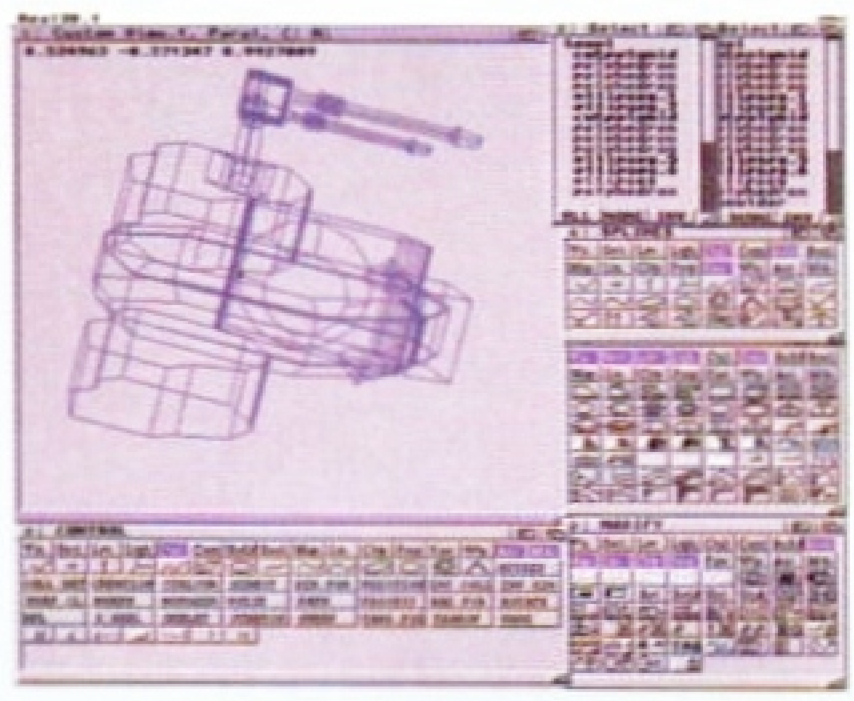
3. Directed Force – uses a force that operates in a specified direction to influence an object or group of particles.

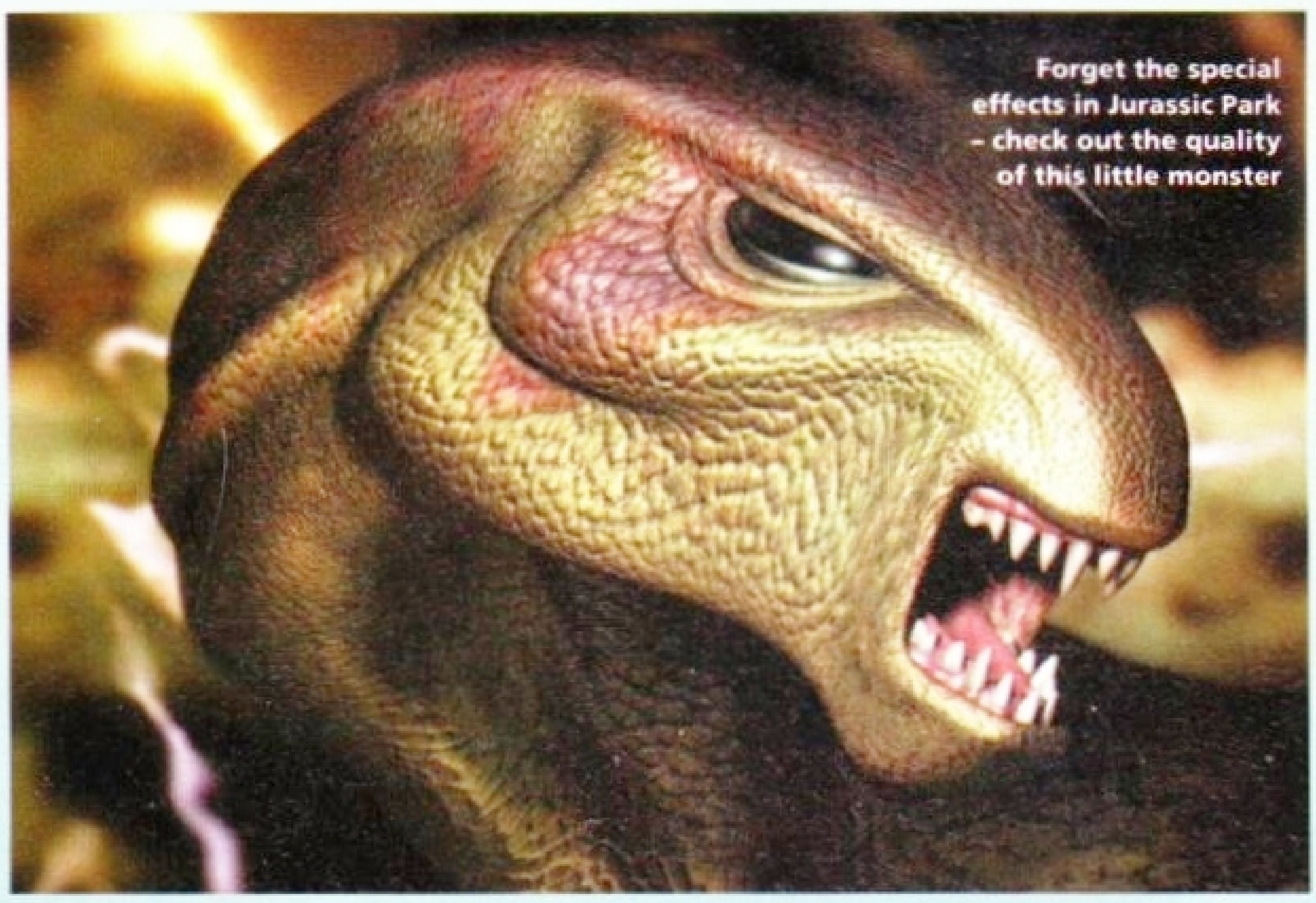
4. Inverse Kinematics – restricts movement of skeletally controlled objects.

5. Wave – applies a wave to an object or particle group. a simple and direct method. Moves an object along a curve.

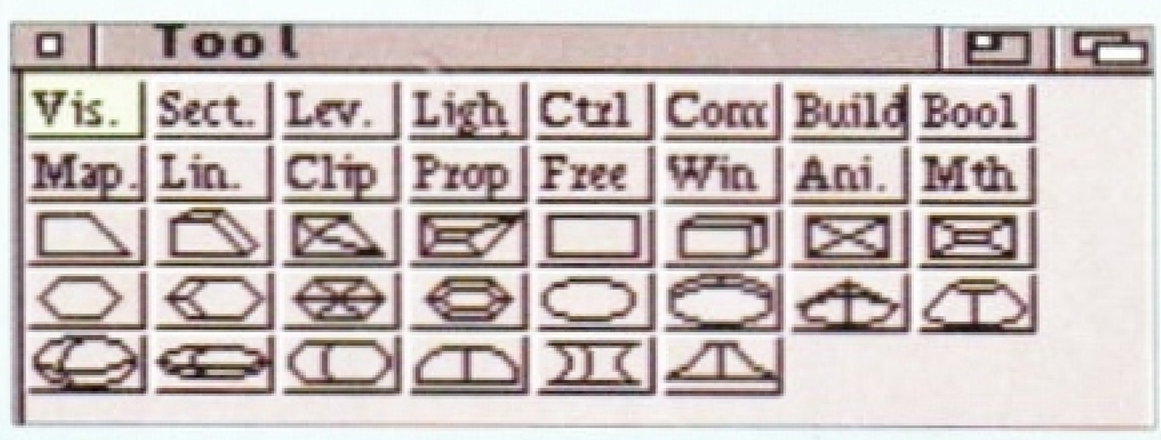


These sorts of watches were once very popular but are now best left as an image on the computer screen.


As you can see there are lots of little buttons so read this tutorial very carefully indeed.

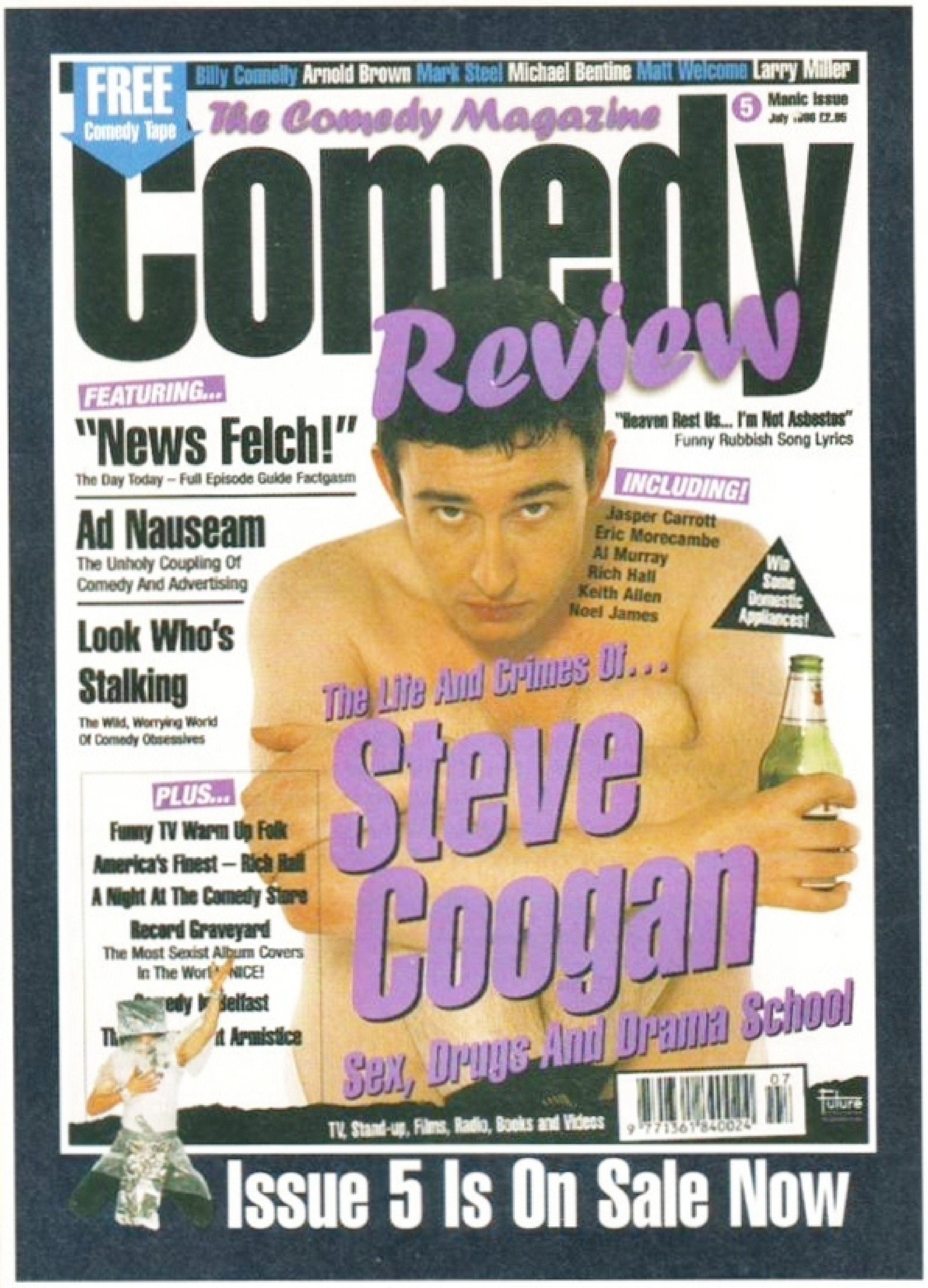

Forget the special effects in Jurassic Park – check out the quality of this little monster

VISIBLES



These are otherwise known as primitives and form the basis of most modelling projects. They're basic shapes and, as with the section tool, appear much the same as their icons. Creating a visible object is easy and works much the same way as creating a visible. These objects are ideally used with Boolean operations to create more complicated objects.


The .net Directory.
Thousands of new sites you need to see
Issue Seven £4.99
Movie Mania!
Coming to a Web site near you...
Mission: Impossible
Cable Guy
Twister
Eraser
Plus the pick of the clicks for Flicks '96
On sale now
"And the winner is..."
The Webbie Awards for the Best Film Sites On The Net... EVER!
CO-STARRING!
• KILL THE BILL! – The Criminal Justice Act gets a digital thrashing
• SHE'S GOTTA HABIT – Webgrrls and the She-Type Drag
• HACK TO THE FUTURE – A brief history of time travel
• EVEN BETTER THAN THE REAL THING – Net Only exclusives from Oasis and Irvine Welsh
• NOTION PICTURES – Organic art writhes alive on-line
Also available
.net The Internet Magazine
This month with free CD-ROM packed with more than 200 Internet programs. On sale now.


FREE Comedy Tape
Billy Connolly Arnold Brown Mark Steel Michael Bentine Matt Welcome Larry Miller
The Comedy Magazine
Manic Issue
Comedy Review
FEATURING...
"News Felch!"
The Day Today – Full Episode Guide Factgasm
Ad Nauseam
The Unholy Coupling Of Comedy And Advertising
Look Who's Stalking
The Wild, Worrying World Of Comedy Obsessives
"Heaven Rest Us... I'm Not Asbestos"
Funny Rubbish Song Lyrics
INCLUDING!
Jasper Carrott
Eric Morecambe
Al Murray
Rich Hall
Keith Allen
Noel James
Win Some Domestic Appliances!
PLUS...
Funny TV Warm Up Folk
America's Finest – Rich Hall
A Night At The Comedy Store
Record Graveyard
The Life And Crimes Of...
Steve Coogan
Sex, Drugs And Drama School
TV, Stand-up, Films, Radio, Books and Videos
Issue 5 Is On Sale Now


FREE GAMES! TRY 20 OF THE BEST PLAY-BY-MAIL GAMES WITH OUR SPECIAL FEATURE
arcane
the roleplaying magazine
It's still fun down below
Get back to the dungeon for the time of your life
News exclusive!
Traveller is born again - and it's better than ever. Full details on page 8
Get it right first time
Keep characters simple for better roleplaying
Pendragon
The classic medieval RPG is back, but is it still the best?
ALLIANCES Reviewed: The best Magic expansion since Arabian Nights!
Reach for the stars!
It's deep space time with our cosmic 11-page pull-out Encounter
MAGICAL SECRETS REVEALED!
Great new ways of using magic in your fantasy campaigns
ON SALE IN NEWSAGENTS NOW £3


GamesMaster
ISSUE 45
Britain's Best-Selling All-Format Games Magazine!
TIPS FRENZY!
Panzer Dragoon 2, Duke Nukem 3D, Resident Evil, MK3...
WIPEOUT 2097
We expose the sequel that everyone's talking about!
WIPEOUT 2097: THE BEST NEW SHOTS!
20 Pages of Tips!
GAMES MASTER
ONLY! £2.50
Britain's Best-Selling All-Format Mag!
SONIC
MARIO
CRASH
Mascot Madness in the Third Dimension!
MARIO SONIC CRASH!!
As game stars go 3D all over the bleedin' gaff, we take a look at how Nintendo, Sega and Sony are gearing up their platform heroes for stunning new adventures.
DIE HARD TRILOGY
Blimey! Another GM exclusive!
DIE HARD TRILOGY
World Exclusive!
A triple whammy? Find out in the first ever review!
THE WORLD'S FIRST EVER REVIEW! A Saturn version's on its way, but find out what we reckon to the PlayStation one NOW!
VIRTUAL REALITY
Arcade games have never been so real!
FAKE! WE LOOK AT THE NEW GENERATION OF VR!
QUAKE! A DIRTY GREAT HEAP OF HOT NEW PICS!
BRAKE!
VIRTUA FIGHTER KIDS
DONKEY KONG COUNTRY 3
Proving the SNES ain't no chimp
ARCADE
DESTRUCTION DERBY 2
We take a look at one of the most exciting follow-ups there's ever been. Ever.
GamesMaster Magazine is live on the Internet…
http://www.futurenet.co.uk
And you can reach us by E-mail…
gmaster@futurenet.co.uk
VIRTUA FIGHTER KIDS
It plays better than VF2, it's packed with features, and it's the sort of game your gran will kill for a go on – top Saturn pics!
On sale Thursday 4th July

Blitz Tutorial

Over the last few months we have slowly been adding to our HTML document. Now it's time for John Kennedy to guide us through using SuperBitMap Windows and Gadgets.

BLITZ TUTORIAL 6

```
; Define a BitMap

BitMap 0,640,500,2
; 640 wide, 500 high and 4 colours

; Open a screen to play in
; Which is 640 wide, 256 high and 4 colors

Screen 0,10,"john's browser"

; Open a Special Window

Window 0,0,0,640,256,$0+$0+$20000+$20+$8+$400+$80+$1000,"SuperWindow",1,2,0,0
```

Listing One: Running a program like this will hopefully open a screen and a window.

The most immediately noticeable bug in the listing we were left with at the end of last month's tutorial, occured when the text reached the bottom of the screen. It simply carried on off the bottom and was lost forever. Obviously we cannot simply assume that the HTML document will fit into one 256 line display, and so we need to plan accordingly.

I came up with some strategies to deal with the problem, and I'm sure you could come up with some yourself. See the boxout for the details.

NO NEED FOR A SUPERBITMAP

You might be wondering what a SuperBitMap is, but don't worry, there is no Kryptonite involved. Normally, when you define a window, the Amiga automatically sets aside a region of memory which it can use for displaying text and images. This is known as the Bitmap. This is all hidden from you in most cases, as you simply open a window and let the operating system worry about reserving memory.

A SuperBitMap Window is a different way of opening a window. Before you open the window, you must define the bitmap yourself. Why would you want to go to all this bother? Because you are free to define a bitmap which is actually larger than the window display. The bitmap is like a large expanse, and the Window is, well, a window onto to it all. It can only display a part of the total image at once, but it can be moved around.

Back to the HTML viewer therefore, and imagine that you open a large bitmap and open a SuperBitMap window. The HTML text can be sent to the bitmap, and then you can scroll the display Window up and down to see the entire document. This gives us two goals for this month's tutorial.

1. Define and use a SuperBitMap Window.

2. Define a suitable "gadget" for scrolling up and down.

IT'S A BIRD, IT'S A PLANE, IT'S A SUPERBITMAP!

As we saw, defining a SuperBitMap Window is a matter of creating a bitmap and then opening a suitable window. Defining a bitmap is easy, you use the command bitmap like this:

Bitmap number, width, height, depth

The "depth" is the number of bitplanes, and it works in the same way as the depth of a screen: i.e. a depth of two means four colours, a depth of four means sixteen colours.

To define the Window, we use the ordinary window command, but add the "SuperBitMap" flag and also include the relevant bitmap. Oddly, the SuperBitMap flag is missing from the official *Blitz* documentaion, but you can trust me when I tell you that it's $80 (that's 128 in decimal).

To open a screen and a window, you would then use a program similar to that shown in **Listing One**.

That's really all there is too it. When you create a program with these commands, you'll notice nothing special. The Window will open and look exactly like any other window. You can print text in it, and when you reach the bottom of the screen it will vanish as before.

OK, there is one important difference: the text printed off the bottom of the screen is not lost – it's printed on the part of the bitmap which we can't yet see. To shift the position of the Window around the bitmap, we use the command:

PositionSuperBitmap x,y

This does exactly as you might expect: it moves the Window to position x,y in the SuperBitMap. You can quickly test it by

PROBLEM SOLVING

1. Work out in advance how large the window is to be, and define the page size accordingly, using a proportional gadget to scroll up and down a larger-than-can-be-displayed SuperBitMap.

2. Work out in advance how large the window is to be, and define the screen size. The Amiga will automatically scroll up and down with no need for gadgets, but Menus will be lost at the top of the screen.

3. Start with a single page size. If more space is needed, close the window, make it larger and redraw the entire new page, using a proportional gadget to scroll up and down a larger-than-can-be-displayed SuperBitMap. Repeat this process if necessary.

4. Draw one page worth of text. If the page is to be moved, scroll the area accordingly and re-draw the contents.

opening a window, printing some text and then including something like:

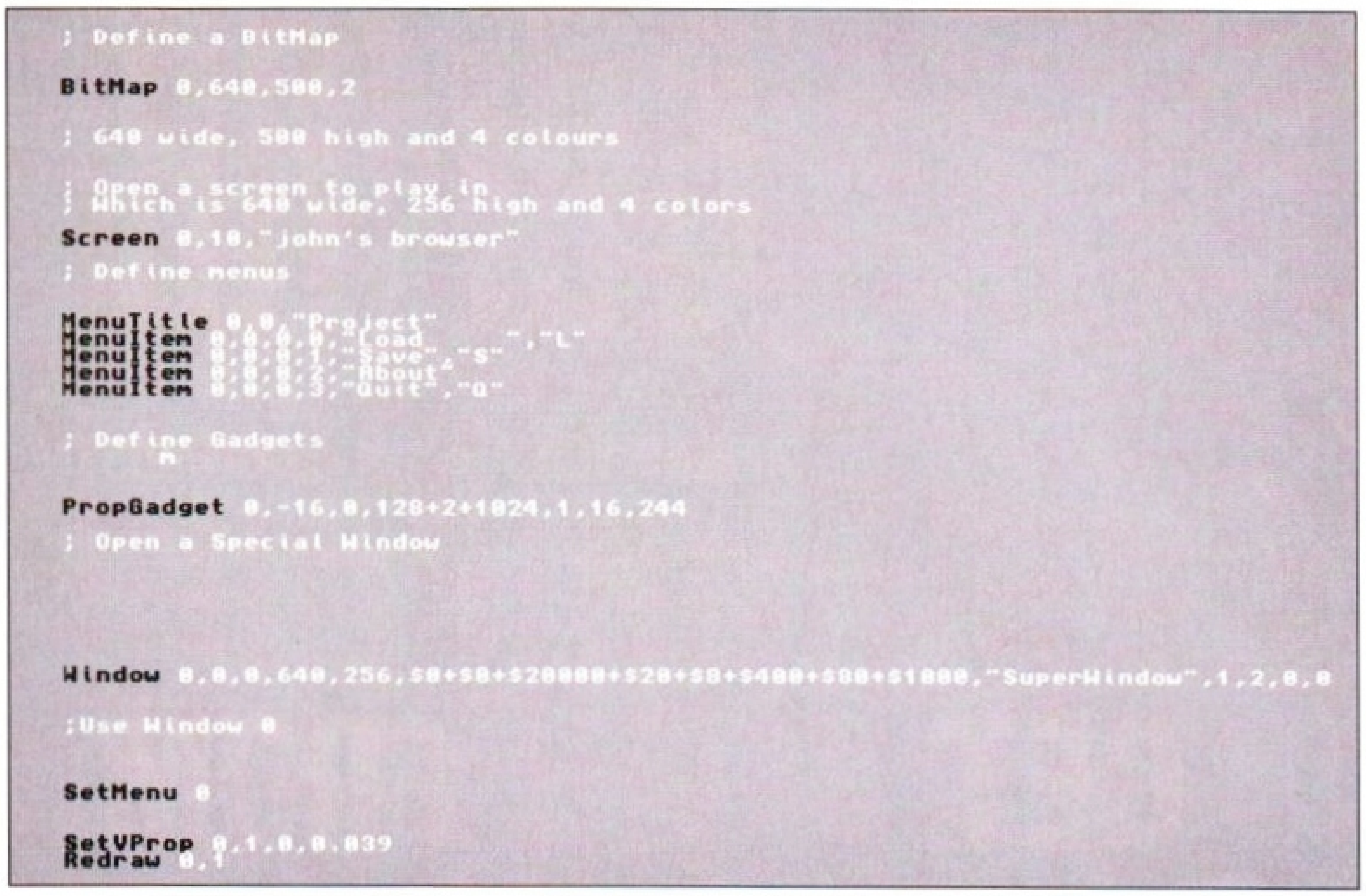
for a=1 to 200
PositionSuperBitMap a,a
next a

There are drawbacks to the SuperBitMap: you don't get something for nothing. The biggest snag is that when you define the bitmap, it takes up memory. If you define a bitmap which is 640 pixels wide, 1024 lines high and 256 colours you have to make sure you have the memory available for it. SuperBitmap Windows must also be "GimmeZeroZero" Windows.

In return for sacrificing the memory, you get a very easy-to-use and very smooth scrolling system. In this situation, I think the pay off is worth it.

INSPECTOR GADGET

Now we need to add a Gadget to allow us to scroll the Window up and down. Gadgets are buttons which are dealt with in a very similar way to Menus. You define the gadget, link it to a window and let the Amiga look after drawing it. You can test for any actions by testing for special values – return to the WaitEvent IDCMP message handling stuff which we looked at in the tutorial several months ago.



```
; Define a BitMap

BitMap 0,640,500,2

; 640 wide, 500 high and 4 colours

; Open a screen to play in
; Which is 640 wide, 256 high and 4 colors
Screen 0,10,"john's browser"
; Define menus

MenuTitle 0,0,"Project"
MenuItem 0,0,0,0,"Load    ","L"
MenuItem 0,0,0,1,"Save","S"
MenuItem 0,0,0,2,"About"
MenuItem 0,0,0,3,"Quit","Q"

; Define Gadgets

PropGadget 0,-16,0,128+2+1024,1,16,244
; Open a Special Window

Window 0,0,0,640,256,$0+$8+$20000+$20+$8+$400+$80+$1000,"SuperWindow",1,2,0,0

;Use Window 0

SetMenu 0

SetVProp 0,1,0,0,039
Redraw 0,1
```

Listing Two: **This list of code shows how to add the Gadget to the program that we have been creating.**

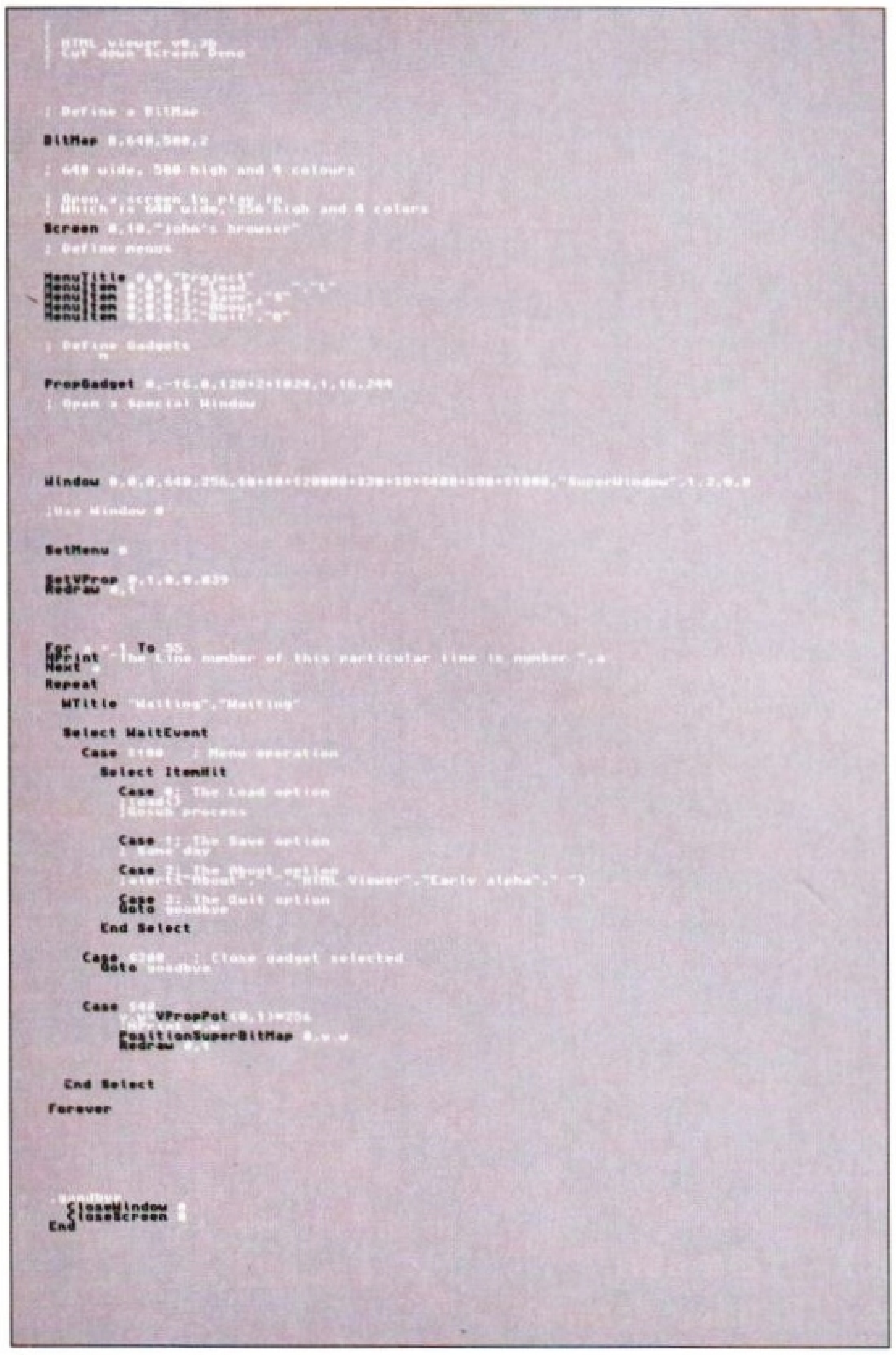
The hardest part involves defining the Gadget. There are several types of gadgets: Text (for entering a string of text into), Buttons (for clicking on) and Proportional Gadgets which allow you to slide a little knob up and down or to the left and the right. This is the type we'll use, and we'll position it to the right of the screen.

To see any text which is off the bottom of the screen, the user only needs to click on it to scroll the screen up and down.

We need to use the Propgadget command, and it has arguments like this:

PropGadget list, X,Y, Flags, ID, Width, Height

The "list" is a number which is referenced by an associated Window. X and Y are the location of the Gadget. Flags defines how the Gadget operates and Width and Height the overall dimensions. To add the gadget to our program we can use the code shown in **Listing Two**. That's about all we have time for but join us next time to discover how to add this to your list.



```
; HTML viewer v0.2b
; Cut down Screen Demo

; Define a BitMap

BitMap 0,640,500,2

; 640 wide, 500 high and 4 colours

; Open a screen to play in
; Which is 640 wide, 256 high and 4 colors
Screen 0,10,"john's browser"
; Define menus

MenuTitle 0,0,"Project"
MenuItem 0,0,0,0,"Load    ","L"
MenuItem 0,0,0,1,"Save","S"
MenuItem 0,0,0,2,"About"
MenuItem 0,0,0,3,"Quit","Q"

; Define Gadgets

PropGadget 0,-16,0,128+2+1024,1,16,244
; Open a Special Window

Window 0,0,0,640,256,$0+$8+$20000+$20+$8+$400+$80+$1000,"SuperWindow",1,2,0,0

;Use Window 0

SetMenu 0

SetVProp 0,1,0,0,039
Redraw 0,1

For a = 1 To 55
NPrint "The Line number of this particular line is number ",a
Next a
Repeat
  WTitle "Waiting","Waiting"

  Select WaitEvent
    Case $100   ; Menu operation
      Select ItemHit
        Case 0; The Load option
        ;load()
        ;Gosub process

        Case 1; The Save option
        ; Some day

        Case 2; The About option
        ;alert("About","  ","HTML Viewer","Early alpha"," ")

        Case 3; The Quit option
        Goto goodbye
      End Select

    Case $200   ; Close gadget selected
      Goto goodbye

    Case $40
      v.w=VPropPot(0,1)*256
      ;NPrint v.w
      PositionSuperBitMap 0,v.w
      Redraw 0,1

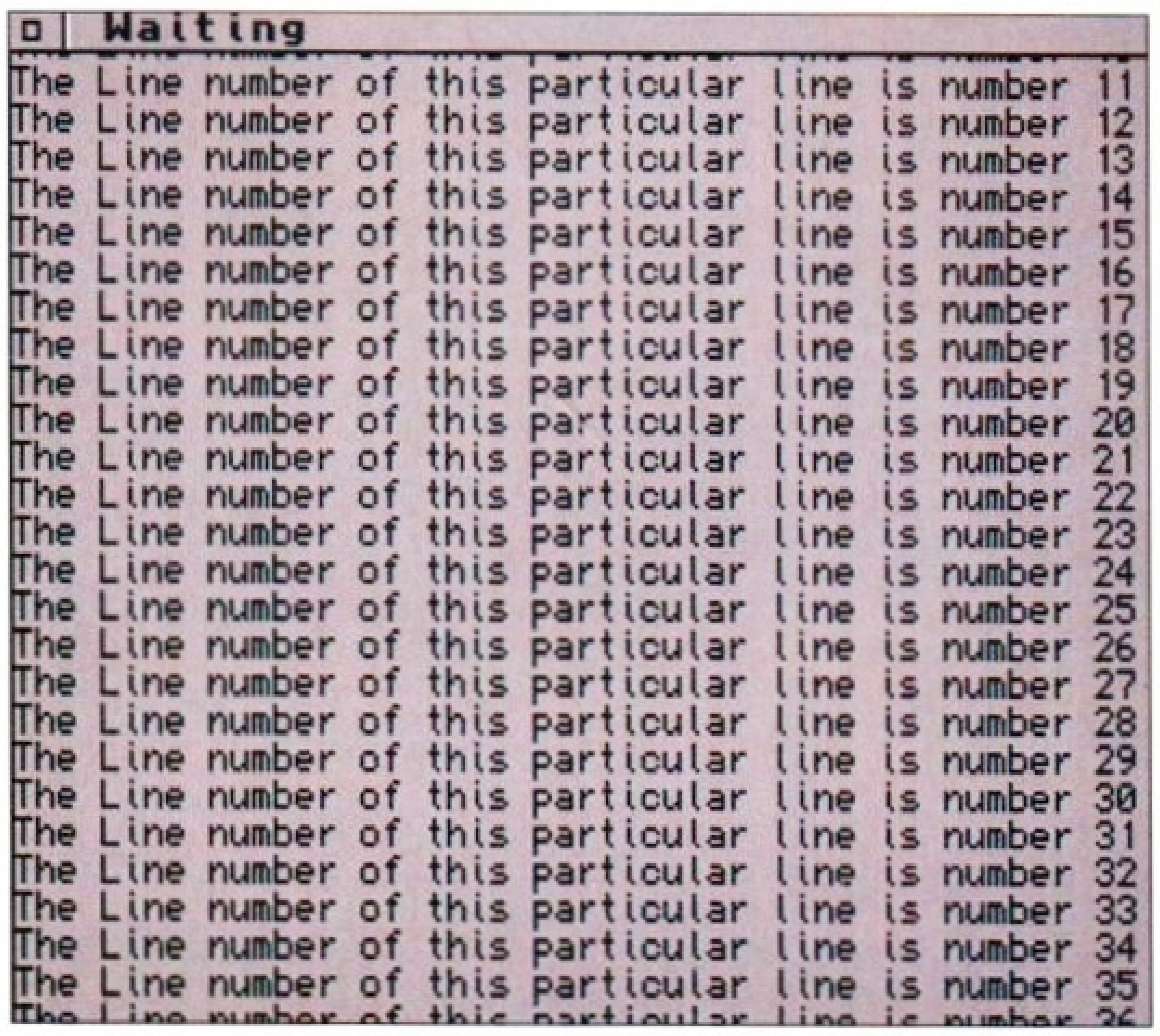
  End Select
Forever

.goodbye
  CloseWindow 0
  CloseScreen 0
End
```

Listing Three: **shows the full listing.**

NEXT MONTH

We will be looking at how to integrate the SuperBitMap and Gadget into the rest of the HTML listing.



```
Waiting
The Line number of this particular line is number 11
The Line number of this particular line is number 12
The Line number of this particular line is number 13
The Line number of this particular line is number 14
The Line number of this particular line is number 15
The Line number of this particular line is number 16
The Line number of this particular line is number 17
The Line number of this particular line is number 18
The Line number of this particular line is number 19
The Line number of this particular line is number 20
The Line number of this particular line is number 21
The Line number of this particular line is number 22
The Line number of this particular line is number 23
The Line number of this particular line is number 24
The Line number of this particular line is number 25
The Line number of this particular line is number 26
The Line number of this particular line is number 27
The Line number of this particular line is number 28
The Line number of this particular line is number 29
The Line number of this particular line is number 30
The Line number of this particular line is number 31
The Line number of this particular line is number 32
The Line number of this particular line is number 33
The Line number of this particular line is number 34
The Line number of this particular line is number 35
```

Listing Four: **shows the program running.**



MailBag

Send your letters to: Letters To The Editor, *Amiga Format*, 30 Monmouth Street, Bath, Avon BA1 2BW.

Letter of the Month

COVERDISKS – THE FINAL WORD

Before I start, let me assure you that this isn't a 'brown nose give me a prize' letter. It doesn't matter if it gets printed, as long as you read it.

I have every issue of *AF* since July 1994 (*AF*61) and I have nearly a whole disk box devoted to Coverdisks. Thanks to your magnificent organ (hang on I'll rephrase that !) – Thanks to your wonderful publication (that sounds better!) I can now write my own programs (*Amos, Blitz Basic AF*67a and *AF*81a), render graphics, (*Real 3D AF*77a), and design my own documents (*Final writer AF*82a, which I thought was brilliant).

In short I have an extensive range of software tools for FREE. So why do people always complain? I'll admit that not all the disks I find a use for (but I keep them anyway). *Amiga Format* is not just a front cover with two disks stuck to it! It is much more. Read it and you'll find it packed with news , views, hints, tips, special offers and many ways to enhance your computing life. If people buy the magazine for the Coverdisk they are missing a lot.

For instance *AF* disk 80a was left untouched for weeks – what would I do with a virus checker (or so I thought). One boring Sunday I dug it out and checked all my 362 floppy disks. The result, several dodgy disks and after repairing the rest I was virus free. Not bad for a useless disk!

So I hear that Coverdisks are destroying the software industry. I however do not agree. After playing your *Worms* Coverdisk for three weeks, I went out and bought the full version. I am now awaiting the full version of *Final Writer 4*, and saving up for an accelerator with extra memory so I can play *Alien Breed 3DII*. Some people would say your magazine has two useless industry destroying Coverdisks on it. Just ignore them!

Thought of the day; If I gave you a cigarette lighter, would you come back because the Jaguar was missing? (Sorry – I couldn't resist it).

Matt Mecham
Gosport

Well, thank you for your kind comments. It is nice that not every reader in the entire universe doesn't have a bad thing to say about our Coverdisks. It is impossible for us to please everyone all the time, so please bear in mind, what you might consider of little interest may be very useful to someone else.



Issue 77 of *Amiga Format* had *Real 3D* on the Coverdisk so that you could learn how to create images like this.

UPGRADE PLEA

To all non AGA Amiga owners out there! I have an urgent request to make. Please, ditch them and buy an 1200, A4000 or even wait for the Power Amiga or MindWalker. The Amiga market is in trouble and it needs an urgent boost. With the sale of Amiga Technologies to Viscorp things are looking even shakier. The large amount of money created by part exchanging your old computer for a new one will get the juices flowing in the Amiga world once again.

The number of AGA machines in use will stabilise the market and progressive software companies could take another look at the Amiga. They once said that *Doom* would not be possible on the Amiga, now look: we have *AB3DII*! A game that beats the pants off *Doom,* and just remember, a friend bought a PC a year ago with all his money , and now nothing new will run on it! The Amiga will live forever with your help.

Daniel Whitten.
Bucks

P.S. Is it me? Or do all Win 95 users have glasses and a beard?

ON THE OTHER HAND...

How can the Amiga expect to survive this summer, Christmas or any time? Look at all the things which are going for the PC's. First everyone wants a cheap computer. If you walk into any shop you get PC and Macs rammed down your throat and there is not one Amiga in sight. And just as well, because at the price, everyone will just laugh.

The second thing is the software. Sure, the Amiga has AMAZING serious stuff. Everyone's impressed. The games aren't bad, but if we can do *Gloom,* why can't we do a texture-mapped flight sim yet? Even if it needs 10Mb hard disk space or a CD drive, most people have got that anyway, and if they ain't, don't call yourself an Amiga user, you don't deserve it.

But how about combining the two, something PC and Mac users did years ago with amazing success. Yeah, I'm talking about Multimedia. If you switch on a PC and get a four colour Workbench rammed in your face. The PC and Mac have hundreds and hundreds of Multimedia CD's and it's growing. The Amiga probably has around ten (which aren't in any shops anywhere). And you say it is a multimedia computer? So stop making your crap platformy games and write some entertaining CD's which actually have more than 16 colours for a change. They DO work.

The third thing is Amiga Hardware. Why bother with it? I Just buy PC stuff. It's a lot cheaper and in nearly all cases better. OK, you're giving support to PC manufacturers, but don't you think that the high price of the Amiga is just doing the same thing.

I think you've been asleep for the last few months and you haven't seen what the PC and Mac world is up to. Concerned 'miggy uzer.

Mr A Lang
Harrow



They said it would never happen but the imminent release of *Alien Breed 3D II* suggests that they were wrong.

Continued overleaf ➡

Ohhh, strong words. I warn you Mr Lang, we'll get letters…

DOWNLOADING DOWN UNDER

I have recently migrated from Australia and was wondering if you know of any BBS numbers that are available over here. If not I would be grateful if you would print my request so anyone who has any information about BBS's in Australia can help me.

Mr Lee Mogford
New South Wales

P.S. Thank God for the subscription service, the newsagents are still on the January issue over here.

I don't know of any numbers, but I'm sure some of our ever vigilant readers will be only too happy to help.

NAME GAME

Please, please, please could you not use two word names for the directory/file names on the *AF*CD. I have an Amiga 1200 with a CD32 networked to it. I use *Twin Express* to download files etc. The problem is *Twin Express* can't understand two word names e.g. "P.D GAMES". However if it was named "PD-GAMES" there would be no problem.

This simple problem means that I can't use the CD as well as I would like to. I think I speak for many other users who own a networked CD32 and I would be very grateful if you could bear this in mind for future issues.

Robert Eyles
Pewsey

Oh, alright then. And we will be changing the name of the assign script as well, not because, as someone claimed, that "." is an illegal filename under AmigaDOS (it isn't), but because it confuses NetBSD and other UNIX environments.

WORK OF THE DEVIL

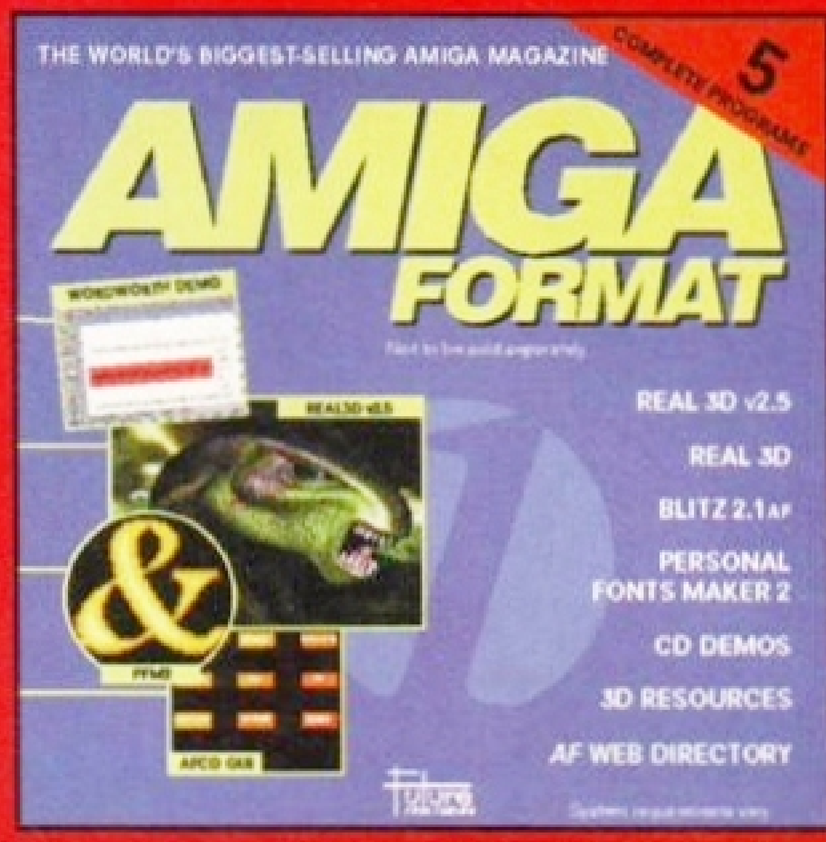
Who the hell do you think you are? GOD ALMIGHTY! You cannot just take over people's lives like this. It's Draconian, it's Big Brother come to visit, it's... it's... it's... just not fair.

I've been up all night watching Jason Jordache pic's, been goggle eyed at the *Lightwave* stuff, viewed animations, played games 'till my joystick overheated, made the kids stay up late and took a shuftee at what's on offer on the Net! It's not on... it's playing havoc with my personal life (nudge... nudge... wink... wink... – know what I mean?) Even the damn kids love it!

Not only did you tip the scales on the "should I or should I not purchase a CD-ROM drive" debate, but it took me two, yes, count 'em, TWO weeks to get my hands on a copy of the CD version of your mag (to which I religiously subscribe). But still, hand on heart "WELL DONE".

May I finally offer a little constructive criticism to the GUI. It looks great, it feels great and by golly it's drop dead gorgeous, BUT, and a rather big BUT at that!... after navigating your way through the first menu screen you are faced with an array of round buttons which do not react to a mouse click! You are left in limbo... "Did I click on it or not?!" They just do not respond... I realise that this is your first stab at this CD lark but could you do something about those round buttons and make the blighters wink or something!

I must finally end this letter with a heartfelt THANKS for the effort put into this CD and I totally enjoyed the variety of software put onto this piece of plastic, which is .... OUTSTANDING
Yours FORMATLY



The much sought after *AFCD1*. There is only one copy left in the entire Future office block.

D Johnston
Blackburn

Well, I'm glad that you really liked it. Part of the reason we started producing a CD version of Amiga Format was to try and give the entire Amiga industry a boost.

If, as result, you have felt compelled to buy a CD drive, then that's good. It will mean that not only will you be able to buy all sorts of other wonderful CDs, but you will also encourage more developers to create and release many more CD products.

SEEING DOUBLE

Copycat Shocker! *PC Format* are so imaginative, they had to copy their Amiga sister magazine! They have nicked your idea, and put *Final Writer Lite* (meaning a 486, with 8Mbs of Ram on the PC... how nice it is to have a nice memory efficient system) on their disks. And I thought that the Amiga was inferior, and behind the times.

It took the PC mags three or four months longer to get the same program on their disks... Hmmm.

Oh, and isn't Issue 85s Mr Atkin being just a tad greedy to want a brand new complete word processor on the Coverdisk? How would Softwood make any money if they gave away their full program for free? And keep the CDs coming! Preferably monthly! That was excellent!

Oliver Hodgson
Surrey

Well, it wouldn't be the first time we were ahead of our PC cousins. Though they had lots more coverage of Windows95 than us…

A QUESTION OF STYLE

With so much interest being paid to the hardware and OS specification of future Amigas, I have to voice my opinion from a design viewpoint. My particular concern is with this Magic User

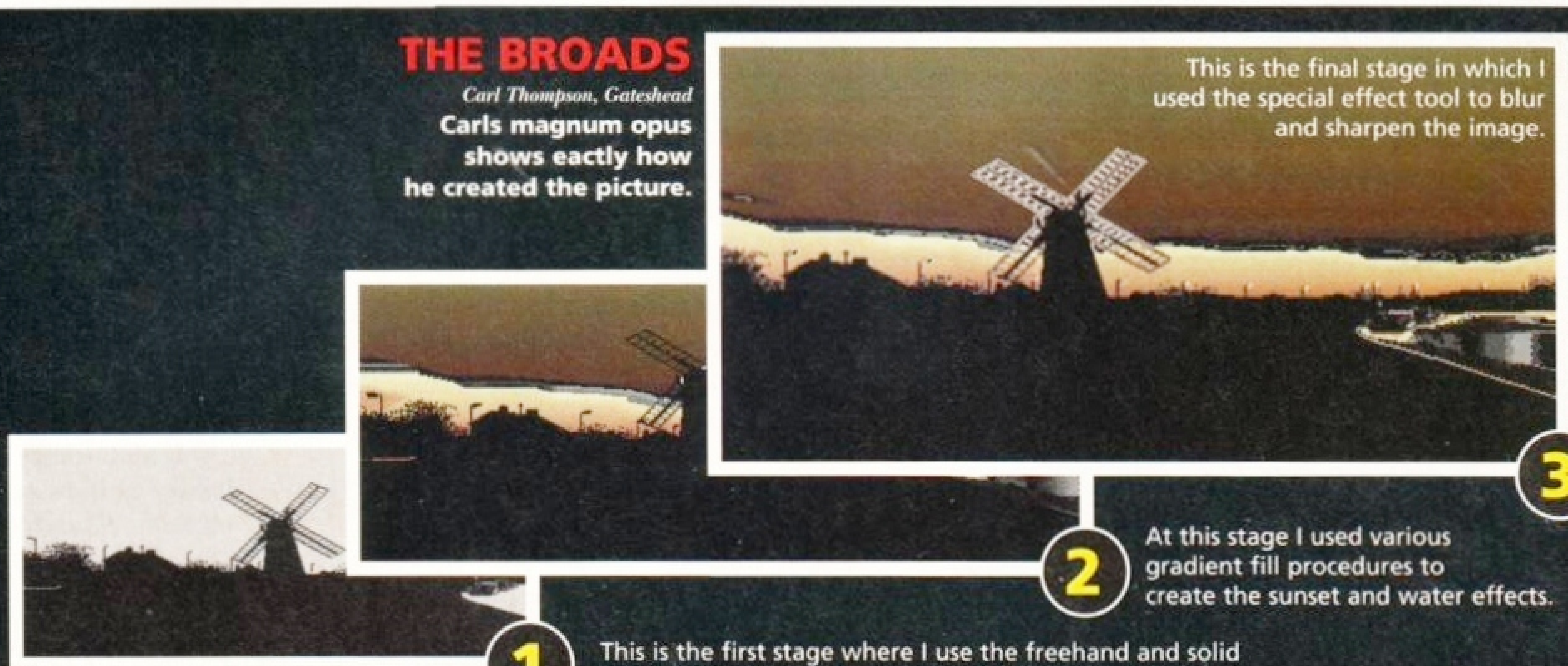

The not so superior or imaginative PC.

The Gallery

THE BROADS

Carl Thompson, Gateshead

Carls magnum opus shows eactly how he created the picture.



This is the final stage in which I used the special effect tool to blur and sharpen the image.

2 At this stage I used various gradient fill procedures to create the sunset and water effects.

1 This is the first stage where I use the freehand and solid fill tools to create the black form of the horizon etc..

Interface (MUI) Magic Workbench (MWB) dependence that seems to grip the Amiga community. It has a colour scheme comparable to clay and tasteless marble backdrops, what next? Formica worktops and lava lamps?

Having noticed that the new "Surfer Pack" from Amiga Technologies contains MUI based applicants I began to worry, for the simple fact that MUI, and correct me if I'm wrong, has been created by a programmer with very little human interface design training. I hope AT have no plans to incorporate MUI in the OS, without first consulting a fully qualified human interface specialist.

MUI has come under a lot of criticism from many users who complain about the strain it puts on the Amiga and the fact that it's unstable, but the idea is still a worthwhile one.

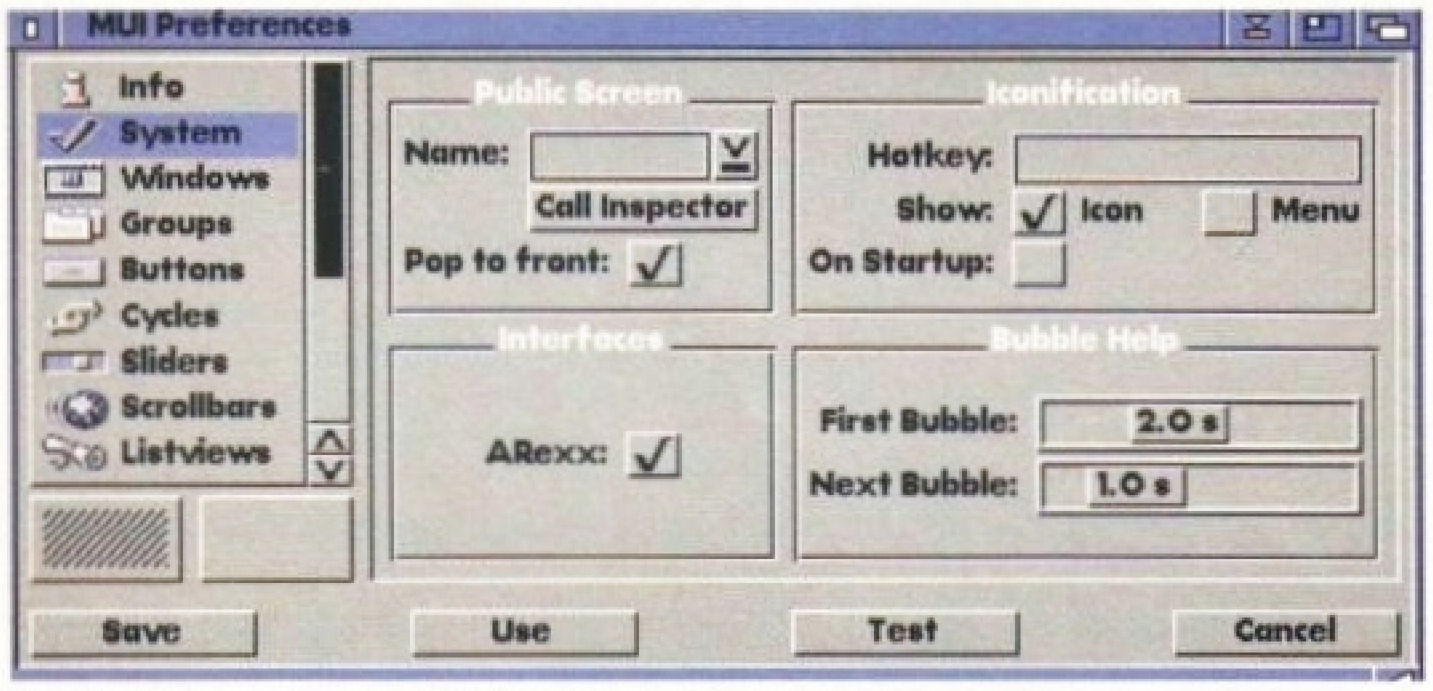
It's fortunate that during MUI's development it hasn't had any professional design input and to be fair to Stefan Stuntz (the author of MUI) it's mainly the fault of the programmers who use MUI. They are the ones who overdo it. They actually believe that, because they have used MUI, it's somehow more user friendly. I've actually read in one programmer's documentation that his program was "Easy to use because it uses MUI", laughable!

I don't understand what's wrong with Gad Tools and Intuition. I program the Amiga in C, and I never need to resort to "interface layout libraries" to create "easy to use" programs. It's all to do with the user, and how they will interpret your interface, and more importantly how they expect it to function based upon experiences with other programs.

The Amiga has never really been considered as a serious machine because of the lack of professional looking software. The majority of Amiga software developers don't have the resources to hire interface specialists, so they have to rely on their own experience.

My advice to programmers is to buy the "Amiga User Interface Style Guide", or the "Making it Macintosh" guide from Apple. Look at interfaces to programs on the Mac, as well as good Amiga programs, and learn from them, also, try and find someone to design your interface if you are unsure how to do it, it's not as easy as it first appears.

Matt Gorner
Coventry



The Magic User Interface (MUI) is probably so popular simply because it is so easy to configure the system to suit your own preferences.

I think the main reason MUI has been so popular with users is that the interface is easy to configure to your own preferences. You can choose or even design your own gadgets and configure the interface to fit in with the rest of your Amiga software. Unlike a Macintosh, you will never find two Amiga owners with the same setup. It is part of the individuality, the spirit of freedom, that Amiga users choose to configure their software the way they want it to look, not the way some programmer tells them it should.

Programmers use MUI because they can easily add this configurability to their programs without having to spend months creating their own system – why re-invent the wheel? Of course, it's still a good idea to read the style guide.

I am not saying that MUI is perfect. There are lots of aspects of the system to consider, but I think that its popularity must prove that it is worthwhile.

CUNNING PLAN PART 2

An even more cunning plan, (yes it is possible) than Russel Lewis. Why don't you print an *Amiga Format* with just the advertisements and stick the £45 difference inside it. Then I would most definitely get it. Instead of paying £4.50 for the mag or paying £50 for one without it, I would receive £45. You're magazine would be a smash hit and the most popular mag in the world. Even people without a computer would like to get their hands on it and get more than one copy. They even would like to get it weekly, boosting advertisement sale, because of popularity, to never seen heights.

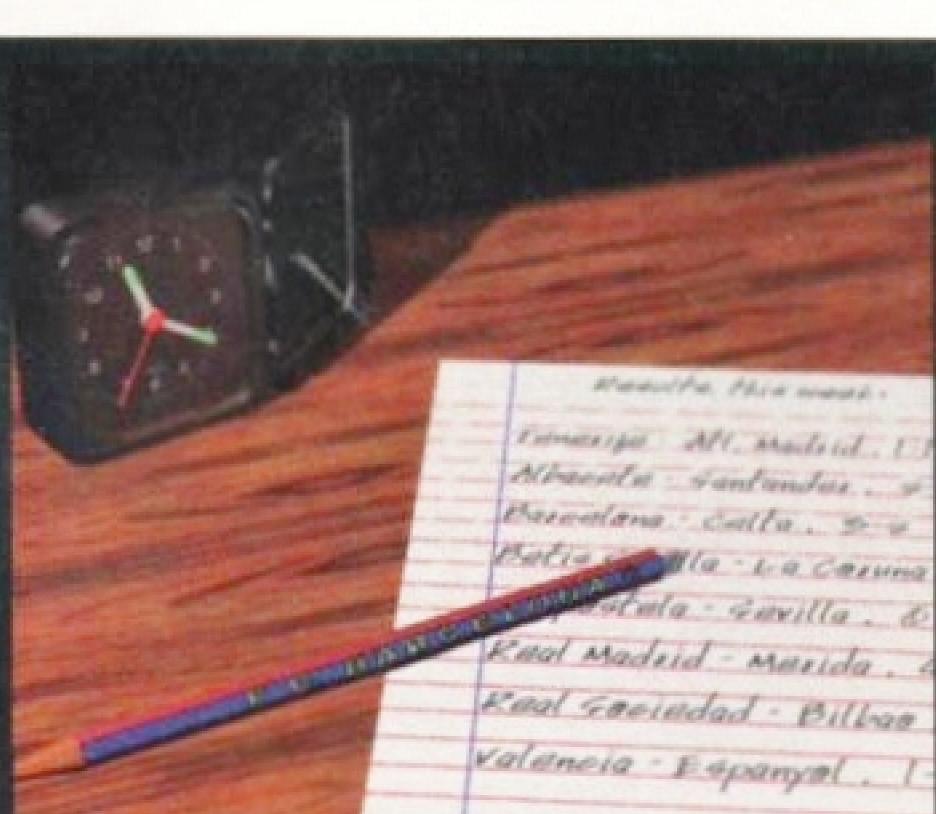
With the money I could buy the products that are advertised which would prove once and for all that advertising does sell products. I could even buy a modem and the mag wouldn't have to be printed any more because I could download it from the Internet. Hey, then I also don't have to pay postal fees. Sorry for the job loss of postal people and printers and ink supplies of printer people. But, it is Capitalism isn't it, and it's good for the environment.

Den Haag
The Netherlands

I have an even better plan. Why don't you just send us £4.50 every month and we won't send you the magazine. Think of all that time we'll save you - and you won't have to read any adverts at all. There's a bargain for you.







LEGO *Sune Johansson, Denmark* **BARCELONA** *Sune Johansson*

Sune has sent us some great pictures all created in *Imagine 4* on his Amiga. We particularly like the depth of field effect in the one entitled "Barcelona".



STARFURY *Jack Tomalin, Derbyshire*

This is, apparently, Jack's first attempt with *Lightwave*. If so, he'll have a bright future.

SOFTWARE 2000

We stock over 6500 QUALITY PD & SHAREWARE TITLES

ALL OUR PD DISKS ARE **99P**

PER DISK + CHOOSE 1 FREE DISK WITH ORDER OF 10 OR MORE DISKS

OVERSEAS POST & PACKAGE RATE
(Europe add 25p per disk for P&P)
(Worldwide add 50p per disk P&P)

PLEASE SEND YOUR ORDER TO EITHER OF THESE DISTRIBUTORS.
YOUR ORDER WILL BE DESPATCHED ON THE SAME DAY VIA FIRST CLASS POST

SOFTWARE 2000
Dept (AF 09)
8 FALCON
WILNECOTE
TAMWORTH
B77 5DN
TEL: 01827 287377

SOFTWARE 2000
Dept (AF 09)
9 WILLS STREET
LOZELLS
BIRMINGHAM
B19 1PP
ENGLAND
TEL: 0374 678068

TEL OR FAX: 01827 287377

How to order

To order any disk just write the disk title and the disk code, eg. U01 Agene. Some titles have a number in (), this means the title comes on (x) number of disks. To order PACK just write down the pack TITLE.
ALL DISKS ARE COMPATIBLE WITH ALL AMIGAS UNLESS STATED
AGA Disk means for A1200/A4000 only

Price ....99p per disk

Please add 70p to total for postage & packaging
Pack price as stated. All orders same day despatch
For the very latest catalogue disk please add 70p
MAKE CHEQUE/POSTAL ORDER PAYABLE TO: SOFTWARE 2000
SEND TO: (ADDRESSES TOP RIGHT)

SOFTWARE2000 Offer FREE MOUSE MAT worth £2·99

FREE MOUSE MAT worth £2·99 with every order of £12 or over. To claim your free mouse mat just cut out and return this token with your order + enclose an extra 38p stamp to cover the postage and packing. Offer only available with this token (limited 1 Mouse Mat per order exduding any other offer)

Alternatively you may choose 1 FREE disk

***************AMIGA ESSENTIALS***************

DISK CLEANING KIT ....£2·99*
Complete with disk & cleaning fluid
Quality MOUSE MAT ....£2·99*
10 blank disks & 10 labels ....£4·99
50 disk protector sleeves....................£ ·99
* special offer: £1 off if you order 5 or more PD disks

MUSIC

M002 MICHAEL JACKSON - song BAD
M003 DO THE BART MAN
M005 100 C64 TUNES (not A1200)
M006 BAT-DANCE REMIXED
M017 GUNS & ROSES - You're Crazy
M018 THE XMAS SONG (disk) very funny
M025 MONEY FOR NOTHING - DIRE STRAITS hit song
M027 BLUES HOUSE (2 disks)
M084 C64 GAMES MUSIC
M115 MAHONEY & KAKTUS 2 - 40 tunes compilation
M125 ADAMS FAMILY
M147 BANGLES - Walk Like An Egyptian
M150 TIFFANY - I Think We're Alone Now
M171 MADONNA - Like a Virgin
M173 JANET JACKSON - Rhythm Nation
M177 PET SHOP BOYS
M184 SAM FOX - Please Me
M186 MADONNA - Like a Virgin
M188 JOE Le TAXI
M189 MICHAEL JACKSON Smooth Criminal
M194 JESUS ON E'S (2 disks)
M205 RAVE - more Rave
M262 A TO Z OF C64 GAMES MUSIC (4) brilliant
M314 DICK TRACY (Madonna) (2)
M335 STAR TREK & STAR TREK NEXT GENERATION (2)

PRINTER MANAGER

U427 PRINTER STUDIO excellent print results
U599 PRINTER TOOL includes typewriter, spooler etc
U792 PRINT LABELS print disk labels/banners
U793 STAR PRINTER STUDIO for all star printers
U794 SEIKOS STUDIO for all Seiko printers. More specific printer driver for the above printer
U733 PANASONIC STUDIO - 9 & 24 pin printer driver & util.
U734 CANON PRINTER STUDIO not A500 (1.3)
U735 PRINTER STAR 24/200 FONT DESIGNER - shareware
U782 CITIZEN PRINTER MANAGER for all Citizen printer owners containing many useful printer utils & drivers
U884 CANON PRINTER STUDIO for all models for use with Canon printers
U757 150+ PRINTER DRIVERS largest collection

VIDEO TITLERS & VIDEO TOOLS

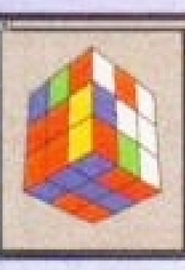
U181 VIDEO NOTE database for your video collection
U431 VIDEO APPLICATION (2 disks) many video titler prog
U250 VIDEO TOOL (3) loads of video utils. Recommended
U964 TELESUBTITLE new video titler
U965 VIDEO MAXE V4.33 The latest in video
U352 DESKTOP VIDEO 1 & 2 (best video titler tool) cataloguing system. Dozens of functions
U671 TELE TITLE 2 - Great new VIDEOS titler
U513 VIDEO TITLER (2 disks) more VIDEO TITLER - BEST
U920 TELESCROLL 2 (not WB1.3) Easy to use video titler loads of features
U921 WEDDING VIDEO ANIM (2 disks) Requires D Paint 3.4 Very high quality
U922 CAPTION MACHINE excellent video titler
U923 VIDEO MANAGER (not A500 1.3) Video Cataloguing system
U925 VIDEO TITLER - very good video titler

Top Utilities

U027 ULTRAPAINT & SURF paint & 3D model program
U046 DARKSTAR no 2 (vol 2-5) loads of utils
U058 DISK MAG CREATOR creates disk magazines
U131 TETRA COPY play tetris while copying to disk. Great
U145 XCOPY PROFESSIONAL very powerful disk copier
U169 PAINT AND ANIMATE create your own animation
U184 MASTER SEKA V1.6 complete Assembler language
U191 SID II copy/delete/move/run file using a mouse
U220 AMOS-PAINT V good paint package lots of feature
U222 GRAPHIC UTILITY(3)graphics converter tool
U229 SLIDE-SHOW CONSTRUCTION KIT easy to make
U240 ARCHIVER TOOLS pack more files onto your disk
U242 IMPLODER 4.0 disk pack more programs onto disk
U243 THE A-T COPIER (not WB3) 13 disk copier.Wow
U254 FRACTAL UTIL loads of fractal programs. Brill
U282 LAND BUILDER create realistic landscapes
U284 COPY & CRACK TOOLS back up your software
U300 MESSY SID II read/write PC/ MAC etc files
U301 AUTO DISK LOGGER catalogue your disks
U321 GRAPHIC Util 1(3) loads of brill graphic utils
U324 GRAPHIC Util 2 (3) even more graphic tools
U333 SCENERY MAKER more landscape generation
U334 EMULATOR COLLECTION II (lots of emulators)
U335 FREE COPY back up commercial games
U337 MODEL 3D Brilliant 3D object designer
U338 MULTI VISION (2) disk/files utilities
U350 POOL TOOL- predict horse with best chance
U351 RACE RATER Similar to above
U358 STAR CAT 2-create catalogue disk easily
U359 SEEKER find lost file on floppy & Harddrive
U360 R.P.G (2) adventure creator
U363 DISK REPAIR KIT-salvage & repair damaged disk
U372 WORD SORT process ASCII file
U377 NCOMM III more modem software + packer util
U380 UNICOPY fantastic disk copier
U399 FRACSCAPE V1.2 new fractal similar to VISTA
U400 SOUND TRACKER V2.6 music maker
U420 SPEED BENCH (not WB1.3) create auto boot WB
U425 NIB 2 very popular copier
U436 THE RIPPER COLLECTION(not WB3) lots of rippers
U442 SYSINFO test & print info on your AMIGA sys
U444 FONT FARM font creator/editor/design new font
U457 WHOM 2 (3DISK) Detail/database on 51 films
U470 FINAL FRONTIER 1 (2 disk) Star Trek magazine
U473 FINAL FRONTIER 3 (4 disk) Star Trek magazine
U480 HARD DISK CLICK-HardDrive menu system
U491 PROTRACKER V3-Best music writer program
U492 WORK-STATION (2disk WB1.3 only) WB-replacement
U495 HARD DISK UTIL brill collection of Harddisk utils
U496 EASY PRINT (A500 only) lots of print utils
U498 WORK-MATE-15 brilliant disk util compilation
U501 THE MUSIC CONSTRUCTION KIT (state Amiga type)
U504 HOT-STUFF- more util disk compilations
U505 VIRUS-KILLER & DISK RE-SALVAGE/REPAIR KIT
U507 DCOPY V3 PROFESSIONAL - Excellent Disk copier
U509 ULT BOOTBLOCK 40 + bootblock generator/maker
U510 ULTIMATE BOOT- BLOCK Collection II + more
U512 ZIRCON UTIL-30 MOST USE UTIL 2 brilliant
U521 SPECTRA PAINT III Very good paint package
U550 SCENERY CONSTRUCTION KIT fractal .Recommended
U551 ASSASSIN BOOT BLOCK over 50 bootblock protector
U555 CROSSWORD CREATOR (not WB3) crossword maker
U561 PERM CHECK a full POOLS PREDICTION program
U568 ICON CONSTRUCTION KIT icon making program
U569 ICON ready made (4 disk)
U590 A600 NUMERIC PAD EMULATOR (A600 only)
U591 DEGRADER (not WB 1.3) A500 emulator
U592 KILL AGA- make older program run on A1200
U600 C64 EMULATOR II utiL & document
U601 DISKSALV II + ABACKUP (not WB1.3)
U603 THE CHEAT COMPENDIUM for over 450 games
U620 HOW TO CODE IN C (2disk) + many examples
U622 ACTION REPLAY V1.5 (A500/600) - cartridge on disk
U623 ACTION REPLAY V4 (A1200 ONLY) same as above
U645 PC EMULATOR V.2.31(WB3 only) SVGA PC emulator
U650 COPY & CRACK TOOL 2 more powerful copy program
U680 NEW SUPER VIRUS KILLER (not WB3) kills 316+ virus
U689 FORECASTER V2-horse racing prediction program
U690 ASSASIN COPIER (lots) include Xcopy3/Dcopy etc
U694 SUPER DUPER 3. (NOT WB1.3) V fast disk copier
U696 AMITOOL PROFESSIONAL disk database tool
U699 MEGACHEAT V3 + (more games cheats)
U700 ANIMATION CONSTRUCTION KIT V1.2 + good
U702 V MORPH V2.create smooth morph animation
U703 POOL TOOLS 2 (Latest) predicts horse racing
U705 TRONI-CAD-best creates circuit board + examples
U707 GAME TAMER (3&4)-(2) For even more games cheats
U708 LAST WILL & TESTAMENT- write your Will
U710 PERFECT-PAINT 32 Easy to use paint package
U714 ENGINEER KIT - Test kit for Amiga
U718 MAGNUM 1.9 REGARD Best disk magazine creator
U721 FONT FARM V3 + loads of fonts + font viewer
U723 EXOTIC RIPPER rates as the best sound/graphic ripper
U724 PARNET SET UP (2) required for the connection
U725 PARNET CABLE MAKER INSTRUCTION - save ££££s
U726 AREX MANUAL(not WB1.3) complete manual
U729 ASSASSIN BOOT UTIL 50 boot block creator util
U730 SOFT AGA (A500plus or A600) & min 1.5 meg
U731 A - Z GAMES CHEAT for over 500 games
U732 MINI MORPHS create TERMINATOR 2 effect
U736 AWARD MAKER II + hundreds of ready made
U737 ASSASSIN CRUNCH & COPY TOOL (WB 1.3 only)
U738 S.KICK PROFESSIONAL v3.2 Various K-start
U739 TURBO IMPLODER V3.1 powerful disk cruncher
U740 CROSS DOS 5.1 plus read/write PC AMIGA disk
U741 HD-DISK TOOL BOX + many more disk utils. Recommended
U742 HOW TO CREATE AUTOBOOT DISK complete utils
U743 Util .Disk .Maker v3. MAKE AUTO BOOT DISK
U744 FRACTAL MANIA+BIOMORPH Brilliant collection
U745 AF WORK BENCH (3) (WB 1.3 ONLY) replacement
U747 ASTRONOMY V2 predict star planet prediction.
U749 DISK REPAIR 3 (floppy & HD) includes soft-protect
U750 MUSIC CATALOGUE (not A500 (1.3) very easy to use
U751 SYSTEM CHECKER TOOL must for any Amiga owner
U753 HARD DRIVE UTIL + lots more Hard Drive Utils
U754 PARBENCH installer (complete)
U755 PRO CAD electronic. Latest circuit board designer
U758 WB MENU LAUNCHER-menu system, easy to use
U760 ICON PLUS (3DISK) Hundreds of stunning ICONS
U761 RELOCKIT 1.4 latest WB1.3 emulator
U762 FAKE FAST MEMORY make more older software run
U777 TELE TEXT RECEIVER project. Highly recommended
U781 DOSTRACE V2. displays information on why programs refuse to run & monitors Amiga activity. REC
U783 POOL WINNER GOLD must for all gamblers
U789 HARD-DISK MEMORY V2 use HD as memory (re MMU)
U790 WINDOW BENCH V2 (WB 2/3) 2 disk new workbench replacement, includes lots of useful utilities
U791 COMPUTER DIAGNOSTIC TEST V9 Amiga fault finding
U800 PRINT A CARD includes many ready made
U801 MULTI-PRINT V4 lots of printing utils
U805 DISK PRINT print custom disk labels
U807 FONT & PRINT Loads of utilities to view & print your font collection. RECOMMENDED
U830 POOL WIZARD - (football) prediction
U832 DIVIDEND WINNER - Prediction program for use with LITTLE WOODS, VERNON, ZETTER Etc
U834 FORECASTER 2.02 New horse prediction program
U839 AUDIO MAGIC 4 - Proctracker V3, Exotic ripper
U843 AUDIO MAGIC 8- Octamed player etc
U846 C64 EMULATOR V3 (2DISK) C64 emulator latest
U848 SPECTRUM EMULATOR V2 - Spectrum emulator latest
U850 EAGLE PLAYER (2disk) the best music players
U851 DELI-TRACKER (2disk) play all music formats
U881 SONIC DRUM KIT V2 Make drum samples
U882 DISK COPY Pack- collection of 10 disk copiers
U883 OPTI-Utils 1 - over 30 disk copiers/Optimise etc
U885 INTUITION BENCH MARK V6.5 (Not WB1.3) sysinfo
U886 COMPLETE WB UTIL (2DISK) very useful Util col
U887 DISK REPAIR KIT 4-Include disk repair, undelete, soft protect, diskmate, sysinfo, etc
U950 STEREO-SCOPIC V2.a (not A5001.3) – RAMDOM DOT STEREOGRAM generator
U951 FORTH PROGRAMMING (NOT WB 1.3)
U957 SCALA BACKGROUND (2disk) High quality image
U960 PROGRAM LOADER-New Hard Disk menu
U961 MAGAZINE E 3 (2disk) science fiction magazine
U963 AMOS & AMOS PRO COMMAND EXTENSION
U967 PRO-GAMBLE-Super horse prediction program
U978 DELUXE PAINT 4 BUDDY SYSTEM-(2) Get the most out of Deluxe Paint Instant on line for every function
U981 VIRUS CHECKER V6.54 - AUTO UPDATE MONTHLY—
U982 DIRECTORY OPUS V4 add Extra Command/BUTTONS
U983 MAGIC WB & MAGIC MENU - Both latest versions
U986 VIRUS-WORKSHOP V5.1 - the best Virus killer
U987 GRAPHIC-CONVERTER (2D) Converts pictures etc
U988 TURBOCAT Auto catalogue your disk library
U989 AUTOBOOT DISK MAKER V4 -very useful
U993 IMAGINE STUDIO V2 (2D) The best PD image (picture) processor available. Rivals even the commercial image processors costing hundreds of pounds. (not k1.3)
U969 POWER-CACHES Speeds up disk loading, Accessing.
U970 HARDDRIVE SECURITY II Collection of HD security programs eg Lockout 2, Password etc
U971 HARD-DISK & FLOPPY DISK DOUBLER (Epu) not WB1.3
U973 CHEAT FOR 800 + GAMES, LEVEL CODE V3.3 (2)
U974 HD GAMES INSTALLER 2 install top games to HD.eg Zool 2, Rise Of the Robots, Mortal Combat 2 & more
U975 DMS V2.04 Pro. Crunch entire disk. (not1.3)
U976 MAGIC SELECTOR V1.4-Change Magic WB back drop
U977 MAGIC WB ICON ARCHIVE (3) 1000's of MG icons
U998 X-PASSWORD-protect your hard/floppy drive
U979 ICON ACHIVE(3) 1000's of normal icons (any Amiga)
U994 TEXTURE STUDIO. Render various textures for use with Imagine 3 etc req FPU (not 1.3)
U995 PRO-GAMBLES V2 must for all gamblers.
U996 BOOKIE BEATER- gambling program to win
U997 HD GAME INSTALLER 3. install more games to HD
U998 EXOTIC RIPPER V3.b Latest ripper
U999 HD MEMORY (new collection) require MM
U1000 MAGIC OPUS VOL 2 & 3 (2D) more Dopus buttons
U1001 CAR DATA ANALYST-check your car performance
U1002 TURBO CAT-(WB 2&3 only) catalogue creator
U1003 LOTTERY WINNER V2-new version
U1005 BASIC-ELECTRONICS-Teach all about electronics
U1006 LOTTO LUNACY V5 Update latest lottery predictor
U1007 ALL NEW HARD-DISK & FLOPPY DISK TOOL 2 (2)
U1008 HARDWARE PROJECT 2 (2) Build dozens of projects, even how to fit Amigas in a tower case
U1009 DATA ALERT 3-explains why your computer crashes
U1010 WB2.04 INSTALLER-install A500+/A600 to HD

PUZZLE GAMES II

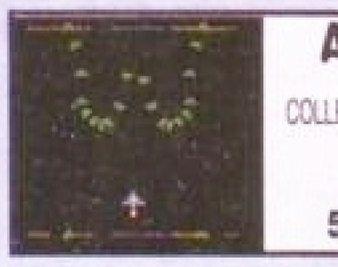
Massive collection of all the very best puzzle games ever released, including some of the classics like Rubics Cube, Picture-Puzzles etc, far too many to list
5 DISK PACK ONLY £4·99





ARCADE GAMES II

COLLECTION OF THE VERY BEST SHOOT-EM-UPS.
MUST FOR ANY GAMES PLAYER
5 DISK PACK ONLY £4·99



BOARD GAMES II

The very best board games ever released. This pack contains the very latest CHESS, CHECKERS, SCRABBLE, MONOPOLY & DOMINOES.
Recommended **5 DISK PACK ONLY £4·99**

PRINTER PACK

5 disk pack with all the latest printing programs specially designed for printing out high quality documents, text & pictures etc and it is even able to print out A5 booklets (very handy). Easy to use.
A must for any Amiga owner with a printer.
Printer Pack (5 disks) only £4·99

GAMES

G222 MEGA 21 GAMES amazing 21 games
G235 DRAGON-CAVE brilliant 3D puzzle games
G240 QUADRIX very addictive excellent
G242 TAKE EM OUT like Operation Wolf
G253 DESTINE MOON BASE Arcade conversion
G272 TANK BATTLE 2 player tank battle game
G278 ARCADIA the best ARKNOID clone
G300 Q-BOID cross TETRIS and INVADERS
G303 DIMENSION X 2 player LIGHT CYCLE GAME
G310 NEBULAR Excellent 3D shoot em up
G316 GALACTIC Excellent 8 levels arcade
G317 HYPER-BALL Speed ball + level editor
G320 GHOST-SHIP Very good 3D adventure
G325 BATTLEMENT Hunchback of Notre Dame
G326 MEGA GAME COLLECTIONS III 3 top games
G331 GRAVITY massive space exploring game
G333 CYBER-NETIC Brilliant 8 way blaster
G334 DONKEY KONG - (A1200 order code AGA296)
G335 CRAZY SUE II- best platform to date
G342 SUPER SKODA CHALLENGE (& track editors)
G344 STAR-TREK similar to RAID 2 but harder
G355 DOODY very cute & extremely addictive
G356 WONDER LAND amazing graphics recommended
G362 DELUXE PACMAN + best pacman ever released
G367 CARD GAMES collection
G368 WIZARD-DOMAINS dungeon type games
G370 KALATRIZ (not A1200) arcade Tetris clone
G373 AIR ACE II Very playable shoot em up
G384 OTHELLO best PD version
G386 MOUSE IMPOSSIBLE very addictive puzzle
G390 TETREN most polished Tetris ever released
G392 STRIKEBALL brilliant Baseball clone
G399 TRAILBLAZER brilliant (not A1200)
G400 FIGHTING WARRIOR like Street Fighter
G404 DOMINOES only one of its kind on PD
G406 TOTAL WARS strategy like chess in space
G411 BATTLE CAR 2 3D car racing
G431 NESTER CARD GAME- hours of fun for a quid
G435 ROULETTE American roulette excellent
G438 TRAILBLAZER 2 C64 conversion
G441 E-TYPE 2- very good asteroid great graphic
G443 OLEMPIAD DISK (2D) Olympic sport events
G445 DESCENDER GAME tank, search & descender
G446 OBLIDOX excellent arcade/puzzle game
G448 PARACHUTE JOUST quite playable
G455 CASTLE OF DOOM VG graphic adventure.
G460 WIBBLE WORLD GIDDY Large platform game
G467 CASH FRUIT- good fruit machines
G478 AMOS CRICKET cricket games
G488 EXTREME VIOLENCE 2 player battle out
G489 ENGIMA MACHINE very challenging puzzle
G490 MEGA BALL 2 very playable BreakOut clone
G491 BOUNCE & BLAST brilliant platform 10/10
G492 ZOMBIES & DEFENDER 2 fantastic games
G494 MERCANERY SIMULATION 3D wars games
G499 LIFE -simulation very interesting
G500 TRANSPLANT dozens of levels fast arcade.
G501 KLAWZ THE KAT- great platform game
G511 HIGHWAY HELL like SPY HUNTER on the C64
G531 OPERATION FIRESTORMS-brilliant
G534 CASTLE KUMQUAT similar to Alien Breed
G535 BLACK DAWN brilliant graphic adventure
G538 MORIA 5.4 The latest Dungeons & Dragons

101 GAMES

PRICE ONLY £9-99
Brilliant collection of over 100 of the very best PD games includes INVADER 2, Tetris, Monopoly etc. Far too many to list. VERY easy to use menu. Most games come with full instructions
MUST FOR ANY GAMES PLAYER
COMPATIBLE WITH ALL AMIGAS

AMIGA SHOPPER
101 Gampe PK recieve 90 % in Amiga Shopper issue 54

All games are selected from an easy to use menu and most games come with full playing instructions.

G539 BRIDGE Good version of Bridge
G540 ORK ATTACK bloody adventure
G541 REBOUNCE 2 player futuristic breakout
G542 ROAD TO HELL brilliant car racing
G544 SUPERTOM CAT New vertical shoot em up.
G545 KUNGFU CHARLIES mix with platform brill.
G546 RAID 4 latest vertical scroll shoot em up
G546 QUIZMASTER very good quiz program
G552 ELEVATION games based on lift ??
G560 IMPERIAL WALKER -Based on STAR WARS game
G567 STARBASE 13 (2 disks) Brilliant - like MONKEY ISLAND
G657 AMOS LOADSA MONEY best fruit machines
G659 MR MEN OLYMPIC (2 disks) many events to complete
G660 4 L.C.D DREAM 4 small hand held games
G664 NEIGHBOUR GAMES (2 disks) based on the TV series
G665 TIME RUNNER (WB2/3) Brilliant graphic
G667 GOLF (2 disks) One of the first & best GOLF
G668 AMOS CRICKET 2 New Amos cricket simulator
G669 MUGSY REVENGE gangster graphic adventure
G672 JIGSAW (2 disks) very playable jigsaw games
G673 BOBBY GARDEN + DIGGER (NEW) Brilliant
G674 HIGH OCTANE Fast car racing (not WB1.3)
G675 TIME RUNNER amazing graphic adventure
G680 SPACE-INVASION 2 - Fantastic Galaxain
G681 AUTOMOBILES - PD version of SKID MARK brilliant
G682 BANDIT MANIA - Brilliant fruit machine demo
G685 PROJECT BUZZ BAR -Brilliant Asteroid
G689 GUN FIGHT (not A500) 1.3
G690 THE REAL POPEYE 64 (A500 1.3 only)
G692 SYSTEM DEFEND - Brilliant Defender clone
G698 AMIGA-BOY - Game Boy emulator + Tetris
G732 DETHELL IN SPACE Recommended.
G735 OVERLANDER Brilliant arcade MOON ALERT
G737 SERIOUS BACKGAMMON The best in PD BG
G771 STAR VOID (2 Disk) brilliant Thrust
G772 UN-SENSIBLE SOCCER very similar to Sensible Soccer games. RECOMMENDED
G773 FRUIT MANIA - Brilliant fruit machine.

101 GAMES PACK 2



PRICE ONLY £10·99
This is the very latest new 101 games compilation pack 2, containing some of the very best in PD games like Zeus, Wonderland, Dragonflies etc. Far too many to list.
COMPATIBLE WITH ALL AMIGAS
All games are selected from an easy to use menu & most games come with full playing instructions

G774 TRICKLE TREAT - like Doom on the PC
G775 FOOTBALL MANAGER - New version
G782 SOLO ASSAULT 3D like Wing Commander
G783 SEED OF DARKNESS - Brilliant graphic adventure"
G785 THE GREAT GOLD RAID - very addictive
G787 ANT WAR V1.9 (LATEST) not 1.3
G788 ZENO-MORPH - Great graphics
G789 TASK FORCE very good MIND SHADOW clone
G790 GREEN FIVE Amazing 3D graphics
G791 PROFESSIONAL BINGO CALLER
G792 MARTIAL SPIRIT like Street Fighter II
G798 6 EXCELLENT CARD GAMES collection
G809 BLITZ 2 fast action shooting games
G810 EXIT 13 Brilliant puzzle
G811 TEMPORAL MISPLACEMENT - Graphic adventure
G812 A DAY AT THE RACES - V.Good horse racing game
G820 BOULDER ORIGINAL with 80 levels
G821 BOULDERDASH cave/level construction kit
G822 BOULDER COLLECTION 2/3 160 level (2 disks)
G839 BOULDER PACK with 640 levels on 8 disks
G860 ALIEN NET WORK- new Space Invaders
G862 BATTLE FORCE excellent text adventure.
G863 GNU CHESS the best chess with 10 levels
G868 SWORD OF YIGG Graphic adventure
G867 POWER-TETRIS for 1 or 2 players
G868 SUPER SMASHING TETRIS
G870 CHESS II & CHECKER One of the best around, must for all CHESS or CHECKERS players
G871 GRAVITY FORCE 2 1 or 2 player thrust clone
G872 SCHNEBITZ Commercial quality puzzle games
G875 DELEXE GALA v2.3 (NEW) feature & bounce game 2 player RECOMMENDED. get it now
G876 THE KRILLIAN INCENDENT like ELITE2/Epic
G878 QUANTUM-Maze collect & escape type games
G879 RAG TO RICHES - like MONOPOLY
G884 WIPE OUT-mindless blasting games
G885 GODZILLA Another shoot em up

NEW 101 GAMES PACK 3

New 101 pack 3 contains over 100 games. Runs on all Amigas, only £11·99. OFFER: buy any 2 packs together & receive a free £4 token for use with next order. This offer cannot be used with any other current offer and is subject to conditions.

G886 SUPER MEGA FRUIT- All new fruit machine
G888 DRIVING MANIAC 3D (fill vector like Indi500) car racing- very fast. RECOMMENDED
G889 PLANET FALL - Luner Lander clone
G891 BUCK TOOTH ADVENTURE Very good multi level shoot/collect em up RECOMMENDED
G892 PENGO 2- Maze type games. Recommended
G893 SUPER OBLITERATION Blast asteroid very similar to PANG 2 lots of weapons RECOMMENDED
G894 SUPER INVASION II - New SPACE INVADER
G897 THE SHEPHERD Brilliant POPULUS clone. RECOMMENDED.
G898 ALIEN GENOCIDE (2) Shoot aliens set in space.
G899 PUCKMAN One of the better PacMan around.
G900 SUPER-BATTLE ZONE 3D (not WB1.3)
G901 M*A*S*H a (ANTWAR 2) similar to LEMMINGS & WORM, with loads of Weapons (Brilliant)
G904 LAST SOLDIER (2) multi level platform games
G905 CYBERTECH (2) excellent ALIEN BREED Clone
G906 HANGMAN any one for a game?
G907 ACE SPACE nice platform game
G908 COLOURMANIA slide/Klatriz type puzzle game
G910 HARRY-HADDOCK- Brilliant platformer games
G912 MANGLE FENDER - Brilliant. Smash up other cars/tanks etc to win. Extremely addictive. Get it
G913 ARCADE GAMES CLASSIC Vol 1 & 2 (2d)
G914 HELICOPTER - like Desert Strike
G915 COW WARS. Very addictive 2 player game
G916 ISLAND -Like Monopoly.
G919 COP THE LOT Pro Latest Lottery predictor
G920 LOTTERY PROFESSIONAL
G921 MONOPOLY. (board game) The best version
G922 JET WILLY 3 - excellent platform game
G923 FLAMMING ENGINE - Superb car racing game
G924 POWER MACHINES. Graphically brilliant
G925 SUICIDE-MACHINE Operation Wolf style
G926 ZAXXON 3D Superb C64 3D blaster game
G927 BOING V3. Great platformer. Recommended
G928 PUNTER - Animated horse racing game
G929 ARCADE JIGSAW (2d) includes LION KING
G930 WHEEL CHAIR GLADIATOR - Great fun to play
G931 NIMBLE - Brilliant new arcade puzzle.
G933 BLACK DAWN 3 - THE NEW BEGINNING (2) Superb 3D adventure. RECOMMENDED
G934 R3 ROCKET (NEW) very good rocket game
G935 BATTLE SHIP- the finest PD version
G936 LAST LAP - Fast car racing game
G937 SKID RACER (not A500) - Excellent car racing game

GAMES HINTS & CHEATS II

Do you find it hard to get past a certain level in many games? 5 disk pack with 1000s of games cheats/help/level codes action replays, pokes etc, should help you finish many games – suitable for all Amigas only £4·95.
Updated & Released on 28 July '95

EDUCATION

E001 KID PAINTS superb paint special for kids
E002 COLOUR IT brilliant computer colouring book
E003 TREASURE SEARCH find the hidden treasure.
E004 LEARN & PLAY I (not A1200) maths & games
E005 LEARN & PLAY II more education programs
E006 SPANISH TRANSLATOR Spanish, English
E008 MR MEN (WB1.3only) brilliant story adventure
E009 ASTRONOMY tutorial on solar/star etc system
E010 SIMON & SPACE MATHS maths & Simon games

E011 EDUCATION PACK 1

Packed with dozens of educational programs ranging from maths & science to educational games, Suitable for any Amiga.
5 disk pack only £4·95

E019 DINOSAURS teach you all about Dinosaurs
E020 WORLD DATABASE requires 2+MEG
E021 STORY LAND II interactive puzzle games RECOMMENDED
E022 LANGUAGE TUTOR teaches you 4 languages
E023 TALKING COLOURING BOOK talking Dpaint brilliant
E024 EASY SPELL II improve your kid's spelling
E025 SCRABBLE requires 2-4 player. Brilliant
E026 WORDS can help you solve the crossword
E027 OSWALD Large colourful cartoon game
E030 EVOLUTION breed your own hybrid
E031 IQ TEST + IQ GAMES pack 1 excellent
E033 TYPING TUTOR very good typing tutor
E035 CHESS HELPER helps/teaches how to play
E036 BASIC TUDOR learn about Amiga basic program

EDUCATION & 21 GAMES PACK

Collection of the very best of educational programs and a 21-game pack. A very popular combination for kids (runs on all Amigas)
5 disk pack only £4·95

E038 AMIGA TUTORIAL 7 part tutorial
E039 COMPUTER CARE how to care for your Amiga
E040 GUIDE TO LOWER BACK PAIN tutorial about the spine & how to avoid back pain. RECOMMENDED
E041 KID ALPHABET displays alphabet
E042 FRACTION & SILOUEST maths & games. Excellent
E043 MATH MASTER teaches/tests you on maths
E044 STEAM ENGINE V2 graphic & tutorial
E045 PETROL ENGINE tutorial & animation graphic
E046 GAS TURBINE ENGINE tutorial & anim graphic
E047 STIRLING ENGINE tutorial & anim graphic
E050 DREAM FOR ANGEL explains the meaning of dreams
E051 INVISIBLE WORLD brilliant RECOMMENDED
E052 FISH TANK turn your Amiga into a FISHTANK
E054 DEMOLITION MISSION simple game for kids
E055 WORD POWER solve crossword puzzles etc good.
E056 WORM HOLE simple game ideal for children.
E057 APPLE CATCHER catch falling apples brilliant
E058 CROSS MAZE & CRYPTOKING 2 excellent kids games
E059 VERB QUIZ find the word & its related verb. Brilliant
E061 KING JAMES BIBLE (4d) complete Bible
E066 TARROT clairvoyance in an instant
E068 GALLOW fancy a game of hangman?
E070 MATH DRILLS teaches all basic maths skills V good
E071 ERROR INFO gives information as to why your Amiga crashes
E075 WORLD WAR 2 graphics tutorials on world war like Starprobe/ molecube etc
E076 SCIENCE an excellent collection of science disks. (4 disks)
E080 KIDPRIX great childrens painting program.
E081 ASTRONOMY PACK- Amazing collection of programs relating to astronomy. Locate star positions etc. Must for astronomy student or enthusiast (4 disks)
E073 PICTURE & LETTER learn to read - first steps
E074 AMIGA BEGINNER GUIDE tutorial on Amigas
E085 NODDY PLAYTIME Very good demo
E080 KID PIX more excellent painting programs
E081 D.T.P FOR KID easy to use, excellent
E092 SING A RHYMES sing-a-long
E094 HIGHWAY CODE TUTOR questions on highway code
E096 READ & LEARN (2D) THREE LITTLE PIGGY Story
E097 BACK TO SKOOL vol 1 collection of the best
E098 BACK TO SKOOL vol 2 in educational programs
E099 BACK TO SKOOL vol 3 & games. RECOMMENDED
E100 LITTLE TRAVELLER world wide information
E101 WORLD GEOGRAPHY world with map & text.
E103 DISCOVERY OF THE ATOM tutorial on the Atom (2D)
E104 DESK TOP GUIDE TO MUSIC (3D) guide & tutorial
E107 TRUMPTY FIREWORK ALPHABET Entertaining way to learn the alphabet
E108 HOW TO DEVELOP PHOTOGRAPHS 1 (2) Excellent
E109 MR MEN OLYMPICS (2D) many events to compete in.
E110 CULT TV DATABASE (2D) Information on early TV series
E112 HOW TO DEVELOP PHOTOGRAPHS 2 (2) develop your own.
E115 ELECTRONIC WORLDS (3D) Complete King James Bible
E116 HOW THE EARTH BEGAN- Big Bang theory.
E118 WORKBENCH 2 tutorials on Work Bench 2
E119 DINO WAR Quiz on dinosaurs
E120 JUNIOR MATHS Great learning aid for teaching maths RECOMMENDED
E121 PICTURE PUZZLE brilliant JIGSAW type games
E122 WORD FACTORY Brilliant, teach kids new words
E123 KID DISK 1- Brilliant education pack
E124 KID DISK 2
E129 KID DISK 3 (DTP) Drawing program for kids
E142 KID DISK 5 & 6 - 2 disks full of brilliant games
E125 JURASSIC PARK lots of information on dinosaurs
E126 CHILDREN SONG 2 contains 5 excellent songs
E127 MING SHU (A500 only) Brilliant Chinese Astrology.

KIDS DISKS 1, 2, 3, 4 & 5

Excellent collection of educational programs. Ideal for teaching kids various subjects while retaining the fun & game element.
5 disks only £4·99 or order separately for only 99p per disk.
Order Code KID DISK & no. 1-5

E128 ASTRO 22 PRO.V3 -The latest astrology program that calculates the position of planets, time of eclipse, zodiac positions etc. RECOMMENDED
E130 FRENCH VERB TESTER should help you with your French.
E131 CULT TV DATA BASE II (2 DISK) information on early TV
E132 WORLD HISTORY BOOK
E133 LITTLE TRAVELLER II (2) World wide information.
E134 X-FILES - Guide to the TV series.
E148 CHESS & TUTOR - teaches you how to play chess
E150 INTERNET-FULL guide to internet & superhighway
E161 CLI & SHELL TUTOR (help) Ideal for beginner
E162 DELUXE PAINT GRAPHIC TUTOR V 3 & 4 RECOMMENDED
E163 JAPANESE - teaches you to speak the Japanese language
E164 PAINT IT (not A5001.3) latest COLOURING BOOK
E165 KEY BOARD TRAINER An excellent typing tutor.
E166 WORD POWER- spellcheck/crossword solver/teach
E168 CROSSWORD CREATOR - design crosswords
E169 CHESS II & TUTOR brilliant Chess II games
E170 HISTORY OF AVIATION Vol 1 Excellent disk
E171 CHILD FAVOURITE- Education program
E172 ANIMAL LAND - Learn about animals
E175 FRANTIC GUIDE TO COMPUTER (2D) brilliant & funny
E177 CYBERPUNK 2 for CyberPunk freaks only
E178 STAR-TREK & STARTREK NEXT GENERATION GUIDE (6) must for Star Trek fans, contains 100s of pictures from Star Trek series 2
E181 SIGNATURE CREATOR customise your own signature.
E182 VIRUS WORKSHOP V4 comprehensive guide to virus'
E184 IMAGINES VIDEO 2 disks
E185 WORKBENCH 2/3 GUIDE On line help/Complete
E210 LEARN & PLAY 3 Latest education & games
E240 BARNEY THE BEAR GOES CAMPING (2d) all about animals
E241 COMMS GUIDE V1.1 using modems for beginners
E242 GUIDE TO WEATHER (3d) complete weather guide. RECOMMENDED
E245 MATH ATTACK- Maths related games for kids
E242 ANIMAL-LAND - Ideal for young kids. Excellent
E243 PICTURE-MATHS - Maths program for kids
E246 BEGINNER GUIDE TO WB 3 (A1200 only)
E247 GLOBE FACT(2) facts about planet earth
E248 KID ONLY. 6 excellent games to play with
E250 SANTA -Help santa collect presents
E251 BIRTHDAY HISTORY V2.2-
E252 BAR-TENDER - recipes for 1000s of drinks/cocktails
E253 BEGINNER TYPING TUTOR

NEW EDUCATION & 21 GAMES PACK 2

Latest education pack & new 21 game collection (5 disk pack) only £4·95

WE ALSO STOCK THE ENTIRE COLLECTION OF LSD LEGAL TOOLS 1-150 SCOPE 1-220 FRED FISH 1-1000 ASSASSIN GAMES 1-200 ETC

VARIOUS PACKS

Any pack comes on 5 disks only £4·95 per pack

COLOUR FONTS Pack (Packs 1 or 2)

MONO FONTS Pack (Packs 1 or 2)
High quality fonts for use with Dpaint or Personal Paints

VARIOUS CLIPART Pack (1, 2, 3 or 5)

COLOUR WORLD MAP (Packs 1, 2 or 3)
High quality world map

COMPUTA-GRAPHIC FONT (Packs 1, 2, 3, 4 or 5)
High quality fonts for WORDSWORTH or any DTP

IMAGINE VARIOUS OBJECTS (Packs 1, 2 or 3)
REAL 3D VARIOUS OBJECTS (Packs 1, 2 or 3)
LIGHTWAVE VARIOUS OBJECTS (Packs 1, 2 or 3)
TRUE FONT FOR ABOVE (Packs 1, 2 or 3)
(Please state for which pack above)

We also stock many more packs. Please phone.

COMMODORE 64 V3

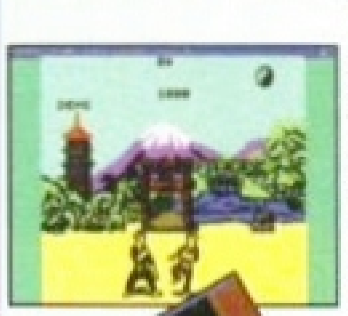


The very latest version. Now you can play real Commodore C64 games on your Amiga. All packs below are complete & ready to play directly on your Amiga. Printed Instructions provided.

C64 & 45 original games ....£4·99
C64 & 100 original games.........£8·99
C64 & 200 original games.......£16·99

PS: C64 V3 & 100 GAMES PACK SCORED 88% WHEN REVIEWED IN AMIGA SHOPPER ISSUE 54

ZX SPECTRUM 48K



Now you can play 100s & 100s of Spectrum 48K games on your Amiga. Any pack below is complete & ready to run on your Amiga. Full printed instructions provided.

SPECTRUM + 50 GAMES PK 1 ONLY £4·99
SPECTRUM + 100 GAMES PK 2 ONLY £7·99
SPECTRUM + 200 GAMES PK 3 ONLY £11·99



SPECIAL OFFER

Take all 3 of the above packs & 50 new Spectrum games (total 400) For Only £19·99

More Spectrum games available

<...screen shot from AMIGA

Special Offer

C64 & 45 games pack
Spectrum V2 & 50 games
Vic 20 & 30 games

All 3 packs for only £9·99

SEE LEFT FOR DESCRIPTION

1000 SPECTRUM GAMES pack

See left for detail. This pack comes on a very large number of disks. rrp £39.99

NOW ONLY £29.99

+ £2.45 for parcel postage (due to the very large number of disks in this pack).

AGA A1200 & A4000 ONLY

THIS LISTING IS FOR USE WITH AGA AMIGAS

0AGA001 EXTENSION DEMO Stunning demo, fast landscape anim and a rotating city, regarded as the best AGA demo
AGA002 FRACTAL GENERATOR fractal in 256 colours.
AGA003 WORKBENCH HACK hack/toy/blanker etc
AGA006 NEW SUPER KILLER recognises & kills over 316 types of virus. Must for all A1200 owners
AGA007 MINDWARP very first demo for the A1200
AGA011 SLEEPLESS NIGHT 3
AGA012 PLANET GROOVE Super A1200 Demos
AGA013 MOTOR INVADER 2 (2 disks) Brilliant INVADER game
AGA015 POINT OF SCALE Great A1200 only demos
AGA016 CHROMAS - Fairly good demo.
AGA017 WORLD OF MANGA (4 disks) magnificent Japanese comic slide show. Recommended
AGA021 MAGIC WORKBENCH Improve the look of your WB & add some functions to your WB. Really BRILLIANT
AGA022 WB 3 UTILITIES loads of WB 3 only utilities
AGA023 U-CHESS the best chess game program so far but requires 4 megabytes. Brilliant graphics
AGA024 WORKBENCH 3 SCREEN Great backdrop

DEGRADER
AGA090 A1200 FIX DISK COLLECTION 1
AGA091 A1200 FIX DISK 2 COLLECTION 2
AGA094 RELOCKIT V1.4a latest. run A500 SOFTWARE
AGA306 A1200 FIX DISK VOL 3 (New July 95) All disks above are designed to make any older A500-A600 Amiga programs/games etc run on your A1200/A4000
A MUST FOR ALL AGA AMIGA OWNERS. RECOMMENDED

AGA097 A1200 UTIL - AGA TESTER, SYSINFO etc
AGA098 ACTION REPLAY V4 Complete ACTION REPLAY.
AGA099 MADFIGHTER 2 Brilliant Street Fighter clone
AGA100 AGA BLITZ SCREEN BLANKER
AGA101 FAST GIFF 2 display GIFF pic in Workbench.
AGA102 AGA DIAGNOSTIC - NEW system tester
AGA103 BLACK BOARD AGA decent Image processor
AGA105 QUICK GRAB AGA - AGA screen grabs
AGA110 WORLD BEYONDS 1 (3) stunning 256 colour fantasy art. Leaves Atari users breathless
AGA114 SMELLS LIKE CHANEL No.5 Most brilliant demo ray trace picture ever released on the A1200
AGA121 MAGIC FACTORY 1 STAR TREK (5 disks)
AGA133 AGA UTIL v1 & j2 (2) AGA util compilation
AGA135 AGA UTIL V3 &4 (2) more of above
AGA137 MULTIBOOT - 4 different versions A500 EMU
AGA138 OFFICIAL WORKBENCH 3 HARD DRIVE INSTALLER
AGA139 WB3 HARD DISK PREF & INSTALLER installing
AGA140 CROSS DOS PLUS v5.1 read/write PC files
AGA142 SUPER LEAGUE 3 - latest manager games
AGA144 SPEAK & SPELL - educational software for kids
AGA146 KELOG LAND - brilliant platform games
AGA150 ACTION REPLAY V5 - NEW UPDATE TO V4
AGA160 GIGER TRIZ very playable 256 colour Tetris
AGA162 FATAL-BLOW new STREET-FIGHTER 2 clone
AGA166 INFESTATION (3 disks) The ultimate AGA demo
AGA172 VIDEO TRACKER AGA ultimate demo maker
AGA174 MAGIC WB EXTRA Vol 1 & 2 (2 disks)
AGA189 FRIDAY AT 8 another brillant AGA demo
AGA190 ASSASSIN MULTIVISION AGA pic viewing util
AGA192 ALIEN FRENZY 2 player blasting + power up
AGA194 BIG TIME SENSUAL (2 disks) SPACE BALL 2
AGA200 MASQUERADE (2 disks) brilliant puzzle games.
AGA202 RAM JAM 94 it can't be done (2 disks)
AGA204 COMPLEX ORIGIN (2 disks) requires 2 disk drive
AGA206 TREASURE OF TUTANKHAMUN - educational tool
AGA230 LOVE (2 disks) simply brilliant DEMOS
AGA231 AGA UTIL 7 & 8 (2 disks), More USEFUL util
AGA234 KNOTTY Stunning AGA sliding picture puzzles
AGA240 LOTTERY WINNER hopefully will improve your chance of winning a jackpot. GOOD-LUCK
AGA241-258 AGA GAME-GALORE AGA 01-18 lots of games
AGA251 PACKMAN AGA - The best pacman yet
AGA252 ROCKET PD - Super thrust clone brilliant graphics for 1 or 2 players
AGA253 REAL DEMO Stunning special effects
AGA254 DIRT AGA Brilliant 256 colour effects
AGA255 DELIGHT EXPLORE Excellent demo
AGA256 KEFEREN AGA Demo lots of effects
AGA257 MINOMIST RAVE great rave music
AGA258 OXYGENE Fantastic demo
AGA259 INTEL-OUT Another very good demo
AGA260 SOME JUSTICE 94 Demo of the month. Brilliant whirl effect. RECOMMENDED
AGA262 TO THE DEATH Very good STREET-FIGHTER clone with excellent graphics.
AGA263 GEORGE GALAXO (2 disks) Brilliant multi level shoot/platform game. RECOMMENDED
AGA265 MISSILE OVER ZENON (2 disks) Brilliant 3D missile commander with fantastic graphics.
AGA266 TEAM-HOI DINO PLATFORM Excellent dino platform Note: this disk was a commercial game
AGA274 MUSIC 2 SURVIVE (2 disks) 8 excellent music masterpieces. Well worth getting
AGA271 RAVE MAXIMUM OVERDRIVE II (2 disks)
AGA278 CHANNEL Z ISSUE 1 (AGA) (2 disks)
AGA base disk magazines. RECOMMENDED
AGA disk magazine topic.demo/music
AGA285 WORKBENCH BACKDROP VOL 3
AGA295 DE-LUXE MONOPOLY - Board game. Very addictive
AGA296 DONKEY KONG Arcade classic conversion
AGA297 BOMB PAC Extremely good gameplay
AGA298 ROCKET 2 set deep underground Brilliant graphics. Even better with 2 players
AGA299 SCRABBLE - Now runs on all Amigas
AGA300 MAGIC WB V2. Demo of version 2
AGA302 TUTANKHAM II(2) Education-Egyptian Mummy
AGA305 TIMEZONE (2) Very good graphic adventures.
AGA307 DENTAWOLF Doom demo
AGA308 NAXIS - Really shows what AGA graphics can do
AGA310 FEARS (2d) - Doom clone demo
AGA312 JINX (2d) Fantastic arcade puzzle
AGA313 RAM JAM THE TASTE DEMO wicked demo.
AGA315 ILEX MYSTIC. New AGA demos
AGA320 KLONDIKE 3 (4 disks) HD required & 2 MEG. We also have a list of 25 cards for above.
Hundreds of quality Magic WB icons & backdrops
AGA388 DESK-TOP MAGIC - 32 animated screen blanker
AGA389 WAR OF THE WORLDS - Full 3D games
AGA391 PSSST Amiga version of Spectrum games
AGA390 FEAR II - Brilliant 3D game plays just like DOOM on the PC. Guaranteed to impress.
AGA393 PC EMULATOR V3 - Latest PC emulator
AGA400 HYPER RACE (2) Super racing games
AGA419 EXCELLENT CARD GAMES 3 latest
AGA421 COLOUR WB make your WB more colourful
AGA422 RIDGE RACER Demo on the Amiga
AGA423 DRUG STORE DEMOS (2 disks)
AGA424 DREAM WALKER (2) Demos
AGA425 MYSTIC DEMOS (2) 95 excellent demos
AGA426 ORIGIN 2 (2 disks), Amazing

100 TOP DEMOS
The Largest collection of demos ever released this pack contains over 100 top demos. Must for all Demos. Our top seller ...... RECOMMENDED
Only £7.95 suitable for any AMIGAS

SEE PAGE 1 FOR MORE AMIGA SOFTWARE

SOFTWARE2000 DOUBLE CD CONTAINS OVER 1965 DISKS



This is the Big one! Nearly 2000 original disks from the SOFTWARE 2000 library included on a Double CD set. For the title list, just take a look at this double page advert for examples of titles & packs which can be found on these CDs. No lucky dip or unknown software. Full description of every disk/title. Easy to use menu system on both CDs which lets you explore the contents of both CDs without disc swapping ... Excellent. see below

EXAMPLE OF DISKS FOUND ON THE DOUBLE CD SET

294 – VARIOUS UTILITIES DISKS
252 – ANIMATION DISKS
181 – AGA DISKS
92 – TOP SAMPLE & FX DISKS
118 – EDUCATION DISK
133 – DEMOS
225 – MUSIC DISKS
18+++DEMOS (Adults Only)
402+ VARIOUS GAMES DISKS – with an estimate of around 1000+ Amiga games, 100s of IMAGINE OBJ, 600 AMIGA FONTS, 100 QUALITY B&W & COLOUR CLIP ART – FAR TOO MANY TO LIST......

UPDATE & RELEASE 1ST OCTOBER 95 AVAILABLE NOW

ALSO INCLUDED ON THE CDS ARE

OVER **1000** NEW Spectrum Games (Play direct from CD) & AROUND **700-1000** NEW C64 Games files (EMULATOR INCLUDED)

Neither have been released on any CD-Roms before

☑ *Over 600Mb per CD*
☑ *Menu Compatible with all Amigas*
☑ *No duplicate data*
☑ *Easy to use menu*

2CD SET VOLUME 1

RRP ~~£34·99~~ NEW PRICE **ONLY £24·99** +70P FOR P&P

Available Now

Below 5 all new game packs released due to popular demand. With any of these game packs you know exactly what sort of games you're buying.
Like our previous packs, each comes on 5 disks, and using the latest disk packer we can put up to 5 game disks on to one disk. So you get up to 25 top games for only £4.99. All games and instructions will auto run when icon is clicked on.
* All game packs contain different games. * Compatible with ALL AMIGAS.

Board Games Pack 3 (5 disks) £4.99
Arcade Games Pack 3 (5 disks) £4.99
Puzzle Games Pack 3 (5 disks) £4.99
Card Games Pack 3 (5 disks) £4.99

Non CD ROM Owners

This pack is ideal for any Amiga owner who doesn't own a CD ROM drive and wants a large amount of the very latest software at minimum cost.
These packs will be 100% updated with all new or different on the 1st of every month. All software are packed using LHA which has a ratio of approx 3:1, (up to 30 disks worth of software from the 10 disk pack). Highly recommended as you get 3 times more software per disk.

Various latest Games (10 disks) only £9.90
Various latest Utilities (10 disks) only £9.90

New Titles

G938 ULTIMATE TOUR TENNIS (2 disks) – Excellent tennis game
G939 DARK ANGEL – (not WB 1·3) Superb arcade adventure
G940 RAISE THE TITANIC – Good 3D adventure game
G941 PHANTOM – Excellent shoot-em-up games (DEFENDER 96)
G942 MACDONA-LAND – Brilliant game similar to ZOOL (not A1200)
G943 JOUST III – Brilliant C64 games with updated Amiga graphics
G944 DELUXE GALAGA V2·6 – The very latest Galaga. Highly recommended
G955 LAZER RACE – Good Tron type game. Extremely addictive.
G956 TRAIN-DRIVER SIMULATION – The most realistic train sim.
G957 MASTER-BLASTER – Kill various monsters with bombs.
G958 KNOCK-OUT – Mini destruction derby. Very addictive.
G959 DUNGEON HERO – 3D Graphic adventure, similar to DOOM
G960 MORTAL KUMQUAT 3 – Weird but fun beat-em-up
G961 CODE NAME NANO – Superb Thrust clone (NANO FLY 2)
G962 MICRO MARKET V3 – Get rich by buying shares. Great game.
G963 POKER-MANIA – If you like poker then this is for you
G965 LETHAL FORMULA –Adventure similar to Monkey Island
E253 BEGINNERS TYPING TUTOR
E254 WORD PUZZLE PRO – Create Crossword puzzles or solve puzzles.
E255 KID DISK 7 – Another fine educational program
E256 EARLY LEARNER (age 3-5) – Teach your kids how to read
E257 A-Z COUNTRIES OF THE WORLD
E258 UK COUNTIES – Similar to above, but based entirely on ENGLAND, WALES, SCOTLAND & NORTHERN IRELAND
E259 BASIC ELECTRONICS V1·5 (2 disks) – For the electronics fan
E261 MASSIVE GUIDE TO THE INTERNET V2·3
AGA 429 POWERDROID-96 – New Asteroid game with brilliant graphics
AGA 430 ULTIMATUM – The ultimate 3D tank battle
U1010 WB2 INSTALLER – install A500/A600 Workbench to HD
U1011 TURBO-CAT PRO V1·2 (not WB1·3) – create catalogues
U1012 TEXT-ENGINE V5 (not WB1·3) – The very latest wordprocessor with spellchecker. This is the full version. Highly recommended
U1013 DIARY 2000 – use just like a real diary
U1014 TOTAL ECLIPSE – Disk Magazine 1
U1015 NEW CHEAT DISK V2·1 (2 disks) – Includes some games cheats
U1016 ULTRA ACCOUNT – Another very good accounts program
U1017 PRO LOTTERY 96 – The very latest & best lottery pro
U1018 PRO GREYHOUND – Like ProGamble but for dogs
U1019 AUTO STEREO GRAM V4 – Latest Magic eye generator
U1021 ELECTRONIC ADDRESS BOOK
U1022 PRO-FOOTBALL 1·1 (2) – Football predictor like ProGamble
U1023 REMDATE – Remember important dates
U1024 SHAPE-SHIFTER V3·3 – The very latest Mac emulator
U1025 MESSY SID 3 – The latest PC<>AMIGA disk converter
U1026 HD GAME INSTALLER 4 – Install loads more games to HD
U1027 SOFT MEMORY – Double your computer memory. This version does not require HD or MMU. Give this a try. Recommended
U1028 MAGIC USER INTERFACE V3·1 – Update from version 2·3
U1029 ORIC 48K EMULATOR (not 1·3) At last it works
U1030 MSX II – Emulator V2·1 (WB 3·0) MSX computer
U1031 900 AMIGA GAMES, HINTS & CHEATS V4 (2 disks)
U1032 VIRUS CHECKER V8·2 – (not WB 1·3). Latest version

LOTTERY WINNER

EXCELLENT COLLECTION OF LOTTERY WINNER PREDICTION PROGRAMS

HIGHLY RECOMMENDED
pack only £4·99

UFO THE CLOSE ENCOUNTER

100s & 100s of real life documentations of UFO sightings, kidnapping, animal mutilations & lots more. Very interesting read.
6 disk set only £5·99

UFO – ALIENS

MULTIMEDIA



100s of documented cases of UFO sightings, abduction, cattle mutilations & lots more.. Many with photos to back up the claim, some are so secret only a recent law has made them available.
9 DISK pack only £8·99

CARD GAMES PACK II



FOR ALL CARD GAME FANS
If you like Poker, Black Jack, Spades, Pontoon, Solitaire, Bridge, Klondike etc. then this pack is a must.
Only £4·99
this pack contains 5 disks

BUSINESS SOFTWARE

U007 TEXT PLUS 2.2e Easy to used word processor
U023 BANKING Home account program
U088 LABEL DESIGNER Design your own labels
U144 DESKTOP PUBLISHING The best PD DTP available
U128 BUSINESS CARD MAKER (not A1200) very good
U160 600 BUSINESS LETTER Very handy. Get it now
U101 DATA BASE WORKSHOP (2) Lots of data base
U121 SPREAD SHEET Very easy to use spread sheet
U183 QUICK BASE Very powerful Database Easy to use
U195 AMIBASE-Professional II The best database yet
U227 TEXTRA Can edit several documents at once
U239 FLEXI BASE Small easy to operate database.
U256 PENNY WISE Very powerful database.
U297 VISICALC Great database lots of functions
U343 LITTLE OFFICE - Databases/word processor/spread
U345 HOME BUSINESS JOURNAL- Easy to use database
U364 HOME ACCOUNT- Account program
U368 AMICASH Regarded as the best account prog. Excellent
U385 LORAN NOTE BOOK Database & world map.
U390 DATA BASE compilation - Bestseller to date
U397 FORM UNLIMITED Design any type of form
U398 MORTGAGE CALC Calculate mortgage repay rate etc
U559 ADDRESS PRINT V2.1 Store & print address
U681 TEXT ENGINES V4.1 & 36,000 word spellchecker.
U688 INVENTORY 2 Detail home contents, for insurance
U712 EDWORD PROFESSIONAL Truly the best wordprocessor
U722 EASYCAL+ Massive spread sheet max 92583 cell
U756 PAY ADVICE ANALYZER- Money prog.
U781 ACCOUNT MASTER V3 Lots of functions & easy to use
U802 ADDRESS PRINTING Print addresses on labels
U889 PAY ADVICE V3 Account program
U810 LABEL MAKER - Print labels etc. New
U900 THE MONEY PROGRAM - Accounts
U954 ONFORM One of the best Invoice makers
U955 QUICK-FILE - Very fast & efficient database
U956 GEN-TRE - Keep track of your family tree
U957 ABANK II - New account software. RECOMMENDED
U958 ACCOUNT MANAGER V3 - New Account program

LITTLE OFFICE 2

New Release Includes:
550 Business Letters
Word Processor
Calendar
Name & Address Database

All this for only £1·99

COMPATIBLE WITH ALL AMIGAS

HARD DRIVE & DISK DRIVE

SPACE DOUBLER
Epu V1·6 this doubles the size of your HD or Disk Drive storage capacity.
RECOMMENDED

U971 EPU V1·6 only 99p
SUITABLE FOR WB 2/3

CLIP ART

Very high quality clipart suitable for any Paint or Desktop Publishing package

C01 Accents
C02 Aircraft
C04 Alphabet 1
C06 Animals (5)
C07 Babies & Children
C09 Bears (2 disks)
C10 Borders
C11 Building
C12 Business
C13 Cats & Dogs
C14 Comics
C17 Halloween
C18 Logos
C19 Maps
C23 Space
C24 Sports
C25 Teddies
C26 Transport & Travel
C27 Weddings
C29 Women & Men (2)
C30 Xmas
C31 Disney Clip Art
C32 Comic Clip Art

Various subjects of clip art of the highest quality. Results in super print out. RECOMMENDED for any DTP or Paint Package.

CP01 CLIP-ART VOL 1 (5 disks)
CP02 CLIP-ART VOL 2 (5 disks)
CP03 CLIP-ART VOL 3 (5 disks)
CP04 CLIP-ART VOL 4 (5 disks)
CP05 CLIP-ART VOL 5 (5 disks)

HARDWARE PROJECT III

Build dozens of projects including an accelerator for an A500 for less than £15. Install 3·5 Hd in your A600 & A1200. Put your A500/A600/A1200 in a towercase for less than £30. Use 1·44 PC disk drive on your Amiga, add a Pocket Modem to your Amiga & many many more. This could save you £££ (not for beginners).................................3 disk pack only £5

MAGIC WB & EXTRA DISK

This is the cheapest way to obtain Magic WB extra. Each pack below will fill 12 disks when unpacked, (very easy to unpack by clicking a few buttons).

MAGIC WB EXTRA PACK (01-12) 1 ....£6·99
MAGIC WB EXTRA PACK (13-24) 2 ....£7·99
MAGIC WB EXTRA PACK (25-36) 3 ....£7·99

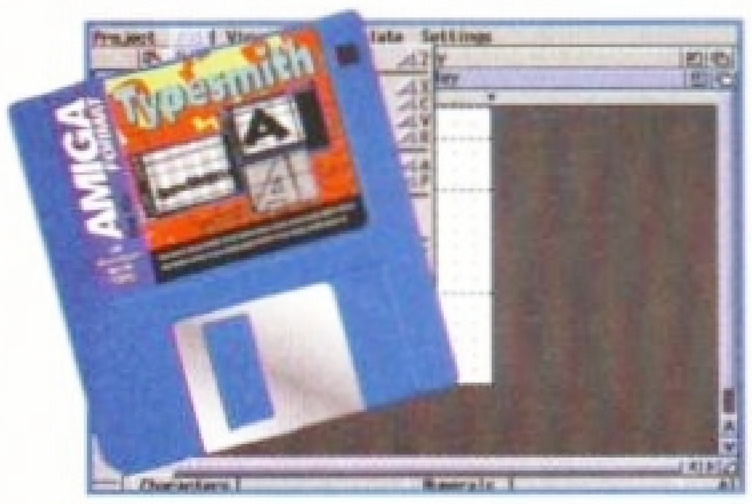
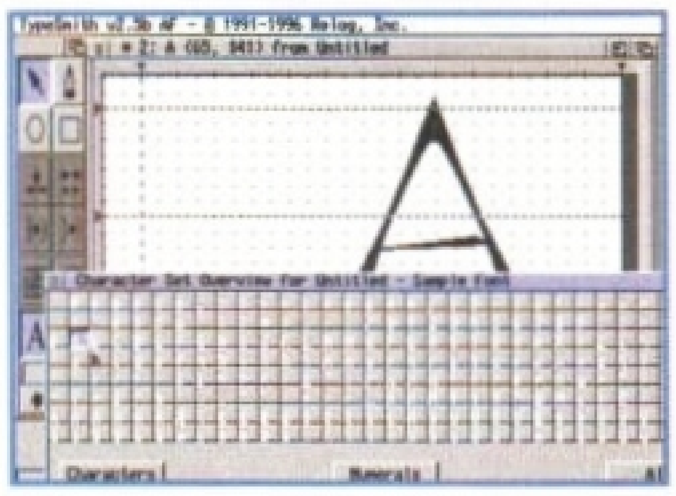
AGA21 MAGIC WB V1·2 – THE LATEST MAGIC WB FOR A1200
U995 MAGIC WB 1·3 – this is for the A500 1·3/A500+ & A600

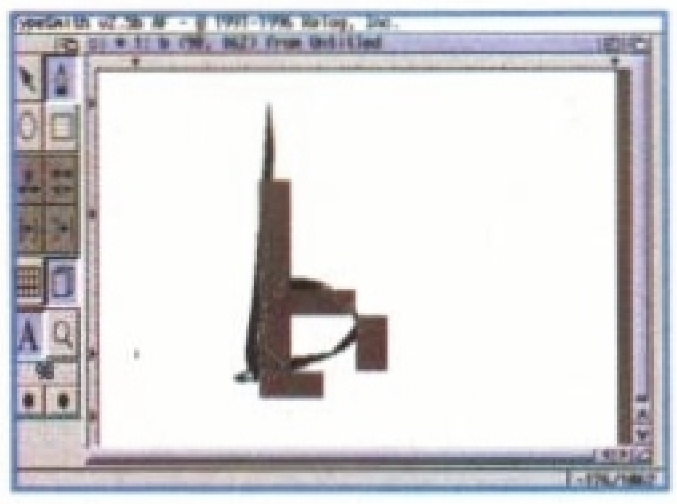
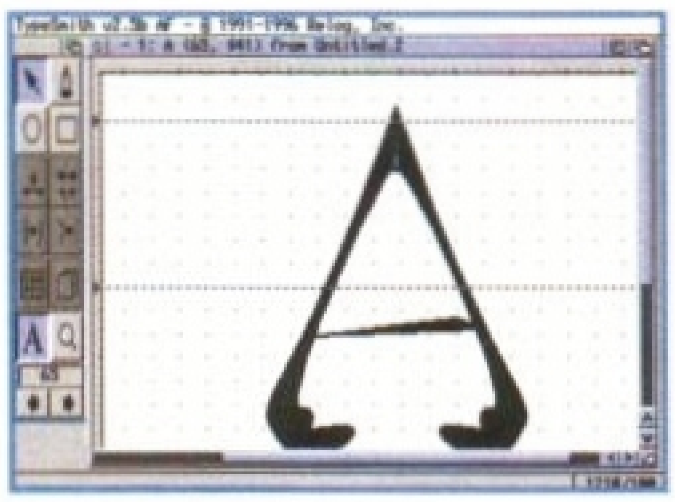
Magic BackDrop

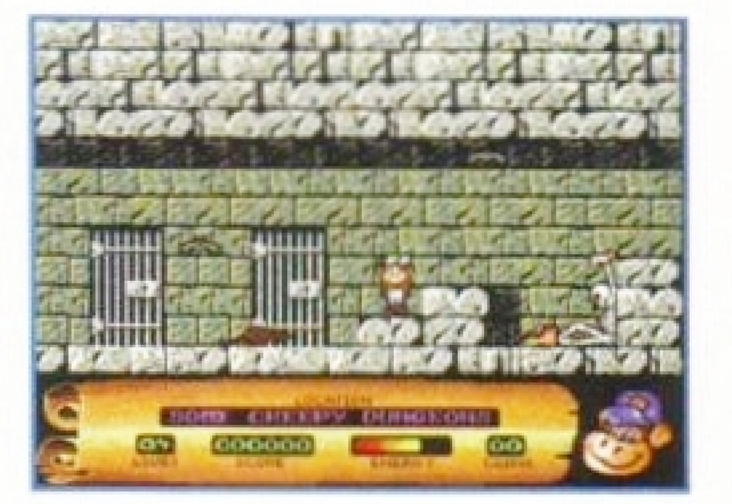
This is ideal for use with Magic WB or normal A1200 workB (WB2 users require NICKPREF to use the BackDrop)

Various Back Drops 1 (4) ....£3·99
Various Back Drops II (2) ....£1·98
Sexy BACKDROP ....£0·99
NEW AMIGA LOGO BD ....£0·99
Magic Scenery BD (2)....................£1·98
Glamour Face ....£1·98
All New BackDrop 96 (5)....................£4·95

AMIGA FORMAT COVERDISKS



Personalise your documents by creating your own fonts. David Taylor introduces this exclusive version of *TypeSmith*.

We've got a couple of corkers for you on the games front this month and Andy Smith takes you through 'em.

Toyland Capers





You can not only collect sweets to exchange for goods and services in the shop but each one collected gains you points.

The game's full and proper title is *Seemore Doolittle's Toyland Capers* and it's a little shoot-em-up that's jolly good fun to play. The left to right scrolling affair is set in a sort of world of toys. And sweets.

The game takes the tried and trusted shoot-em-up route of sending wave after wave of enemy er, teddy bears, toffees and things at you from either side of the screen. You just have to avoid collisions and shoot them instead.

Every destroyed baddie releases a sweet (or a piece of cake) which you endeavour to pick up before they fall (rather swiftly, so beware) off the screen. There's a good reason to be collecting all this sugary



Possibly the best end of level Santa to have appeared in any Amiga game. He also shoots presents at you and they're very hard to dodge.

An exclusive version of *TypeSmith,* the excellent font creation program and two games created in just a week using the Reality software construction package.

CHARLIE CHIMP
AND THE TREASURE OF TUTANKHAMUN



BELOW: The dirty great skull on the wall is not exactly what I'd have in my front room at home, but each to their own.



ABOVE: When you're picking things up, DON'T highlight them. Choose the 'Exit and Don't Drop' to pick them up. Curious, but it works.

In complete contrast to the fabulous *Toyland Capers* we have here a little kinda platform adventurey type game. Your mission Jim, and so on is to guide Charlie Chimp to King Tut's treasure, which is hidden in some part of the Egyptian Pharaoh's Pyramid. But first you must get to the pyramid.

The game starts with Charlie in a rat-infested dungeon. Keep Charlie jumping whenever a rat comes his way because he doesn't have the firepower to destroy the baddies so he's just got to avoid 'em. If he doesn't, they take some of his energy away and when he's all out of the stuff, he dies.

Progressing through the game's also about collecting and manipulating objects, for example, in the first dungeon, Charlie's escape is blocked by a locked door. Fortunately for him there's a skeleton key that can be collected. Use the key on the door and the adventure begins.

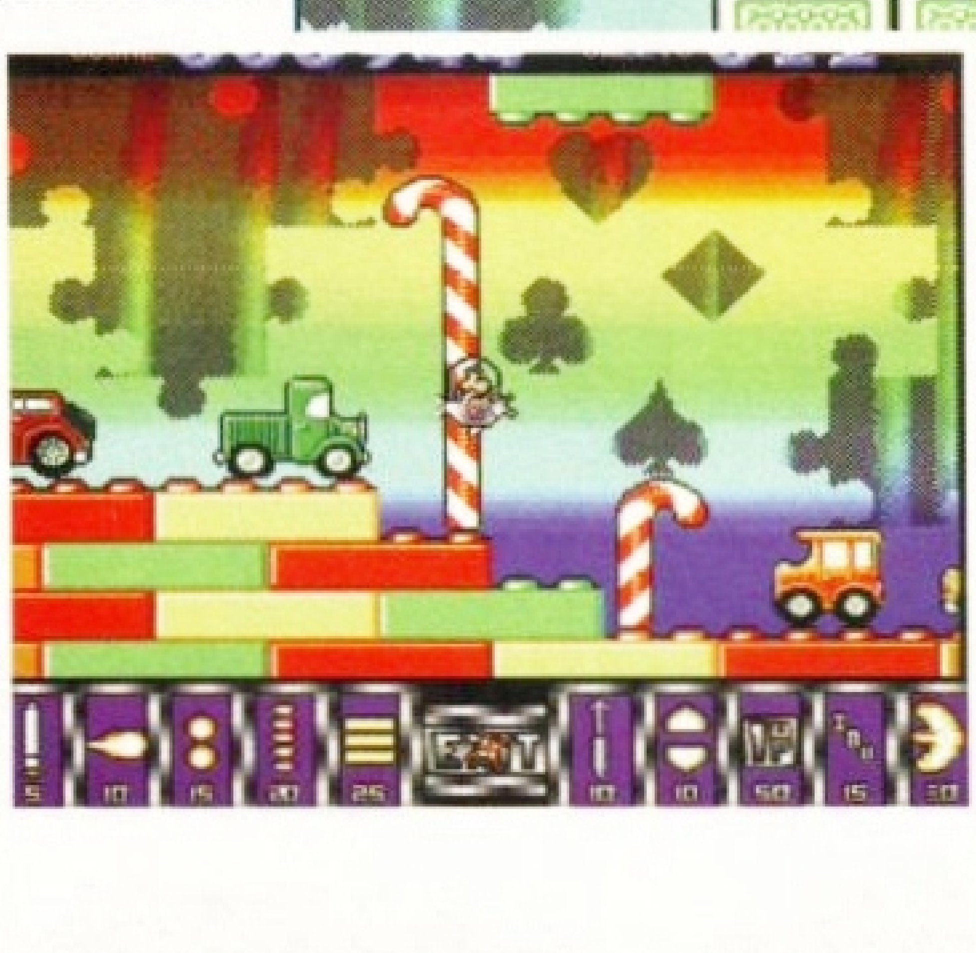
A quite note you might find useful as the instructions don't mention it, when you want to pick something up, press fire when you're over it and a small menu will appear. Don't highlight the object you want to pick up, simply select 'Exit and Don't Drop' from the menu and you'll pick the thing up.
Happy treasure hunting!

treasure - you can trade it in for better weapons! Hurrah!

Simply hit the spacebar at any point during your game and the shop at the bottom of the screen appears. Then you have to decide what weapon you want (or combination of weapon and bonus – you could have a three-shot laser and invincibility running at the same time) and press fire. You then spend your sweets and gain the improved firepower which lasts until you die. And you know when you're going to die because your health meter at the bottom of the screen is shaped like a pencil and as we all know, when there's no lead in your pencil, it's game over!



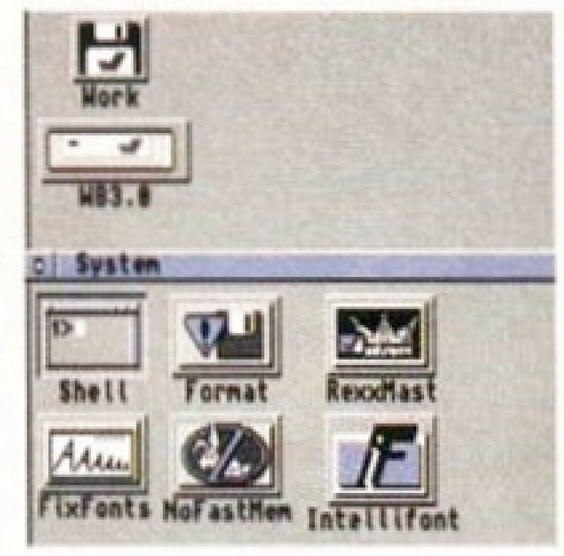
This is a kind of mid-level guardian, made up of coins. Thank goodness I've bought some porkier firepower.



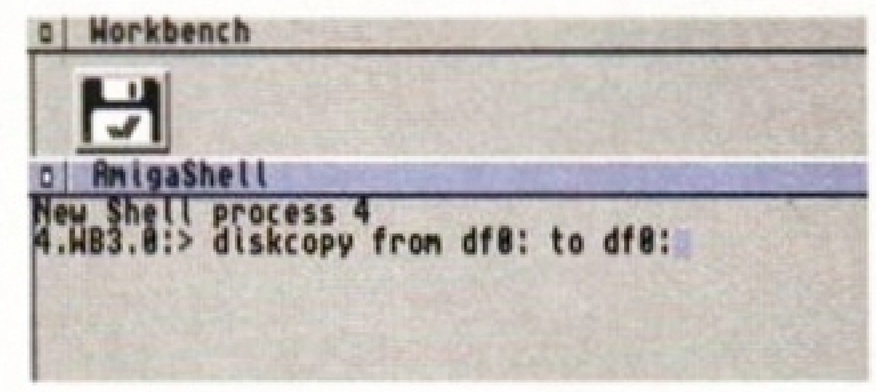
Hit the space bar at any time during the game and the shop appears. Now then, what to spend my 12 sweeties on...

BACKING UP YOUR COVERDISK

Copying your Coverdisk is really very simple. Just follow the stages below...

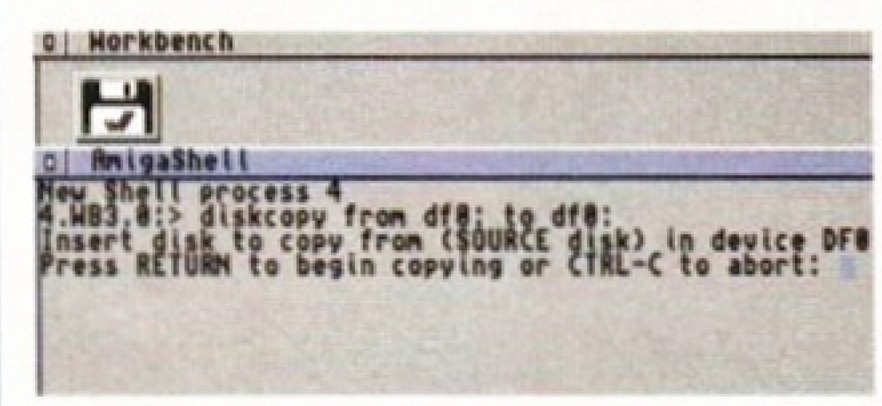


1 Boot up with your Workbench disk and find the Shell icon, in your system drawer. Double-click on this to go into the Shell.

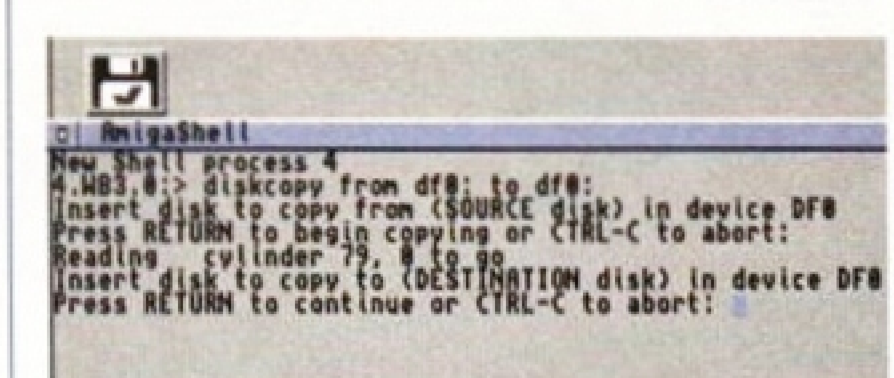


2 Type in the following line (with a *zero,* not the letter O), taking care to put the spaces in the correct places:

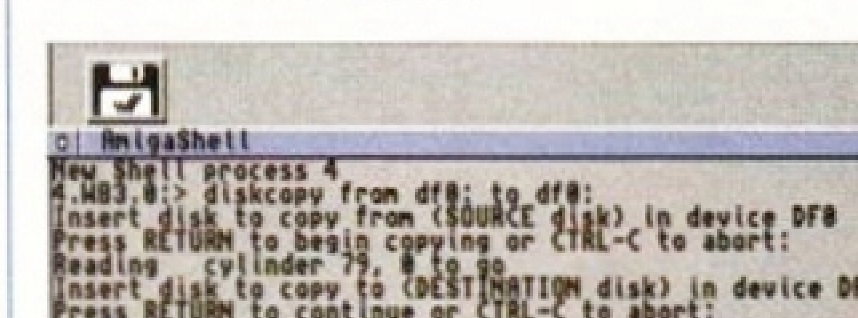
DISKCOPY FROM DF0: TO DF0:



3 When asked for the Source disk, insert your write-protected Coverdisk and press Return. All of the info on this disk will then be copied from the disk into memory.



4 Once your Amiga has read the info, it will ask for the Destination disk. Insert it and press Return. All information on this disk will be destroyed.



5 On an unexpanded machine, the Amiga may ask for the source disk again, because it copies in chunks. Finally, type *endcli* to close down the Shell.

DISK NOT WORKING?

We take every care to test the Coverdisk software, but Future Publishing cannot accept any responsibility for any damage occurring during its use. If your disk is faulty, send it back, including an SAE, for a free replacement to:

***Amiga Format* (insert name of disk)**
TIB PLC
TIB House
11 Edward Street
Bradford BD4 7BH



TypeSmith is the program you need to create individual fonts for your projects.



David Taylor introduces you to the exclusive version of this powerful font editor and convertor.

typeSMITH

There are times when you need to give an individual feel to your documents, images or programs and one of the best ways of doing this is to use an original font. Even if you don't want to create your own fonts, *TypeSmith* can serve as an ideal way of converting fonts between different formats, even those from other platforms.

To use *TypeSmith* you must first load your Workbench disk and then insert your Coverdisk in a drive. You can load the program from there or install it on your hard drive by copying the contents of the disk to a directory. If you have problems loading the program, copy the iff.library to the Libs drawer on your Workbench disk or partition. The library is on the Coverdisk, but doesn't have an icon, so you need to use either the Show All Files option from the Window menu, or the shell or a file manager.

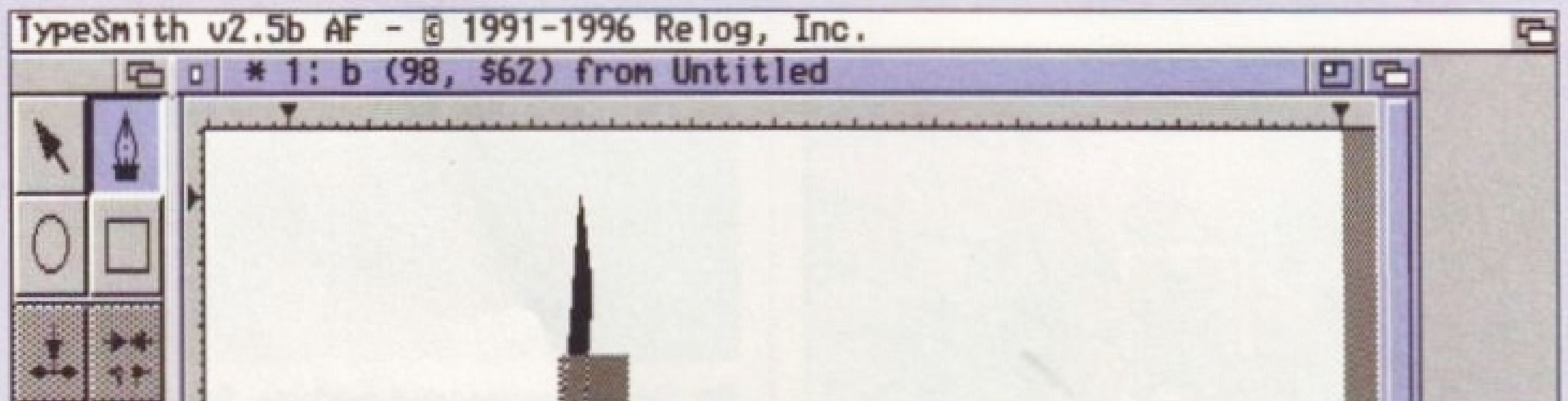
When the program has loaded, you'll see a recognisable screen with a toolbar down the left hand side. You should take a quick tour around the menus before getting stuck in just to familiarise yourself with some of the features. Try loading in some of the examples included on the disk and play around with them before creating an original font of your own.

CHOOSE A LETTER

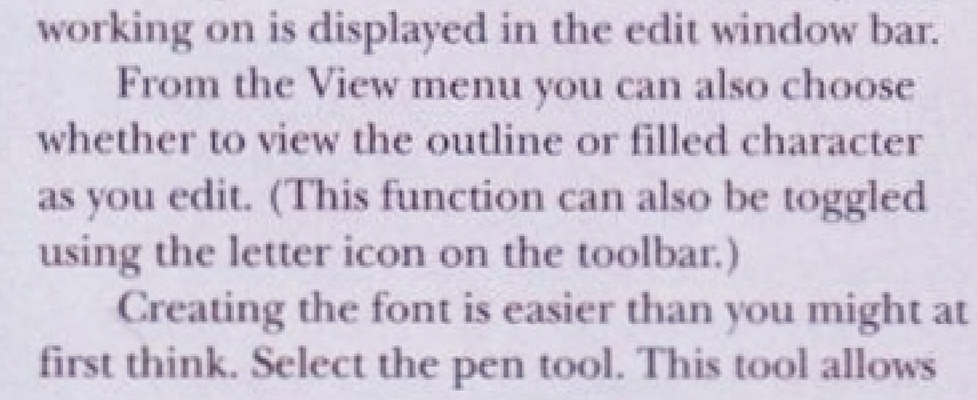
When you are ready to start a new project, select New Outline from the Project menu and set the font's attributes, including an ID number. If you select the Show Overview option from the View menu you will get the Character Set window which allows you to select which character you edit. You need to create both uppercase and lowercase characters. You can scroll through the letters one by one, using the arrow icons on the toolbar if you don't want to have to open the Selector. The character you're working on is displayed in the edit window bar.

From the View menu you can also choose whether to view the outline or filled character as you edit. (This function can also be toggled using the letter icon on the toolbar.)

Creating the font is easier than you might at first think. Select the pen tool. This tool allows



Not only can you create outlines of fonts, you can also convert them to bitmap fonts, but as you can see bitmap fonts cannot retain the same level of detail.



Fonts can be displayed as outlines and you can see the points on each section.

THOSE ICONS IN FULL

Pointer – use it to select sections. You can drag out squares of selection by holding the mouse button down.

The Freehand Draw tool. The left button selects points and the right button will join the last point to the start point.

Draws circles and ovals.

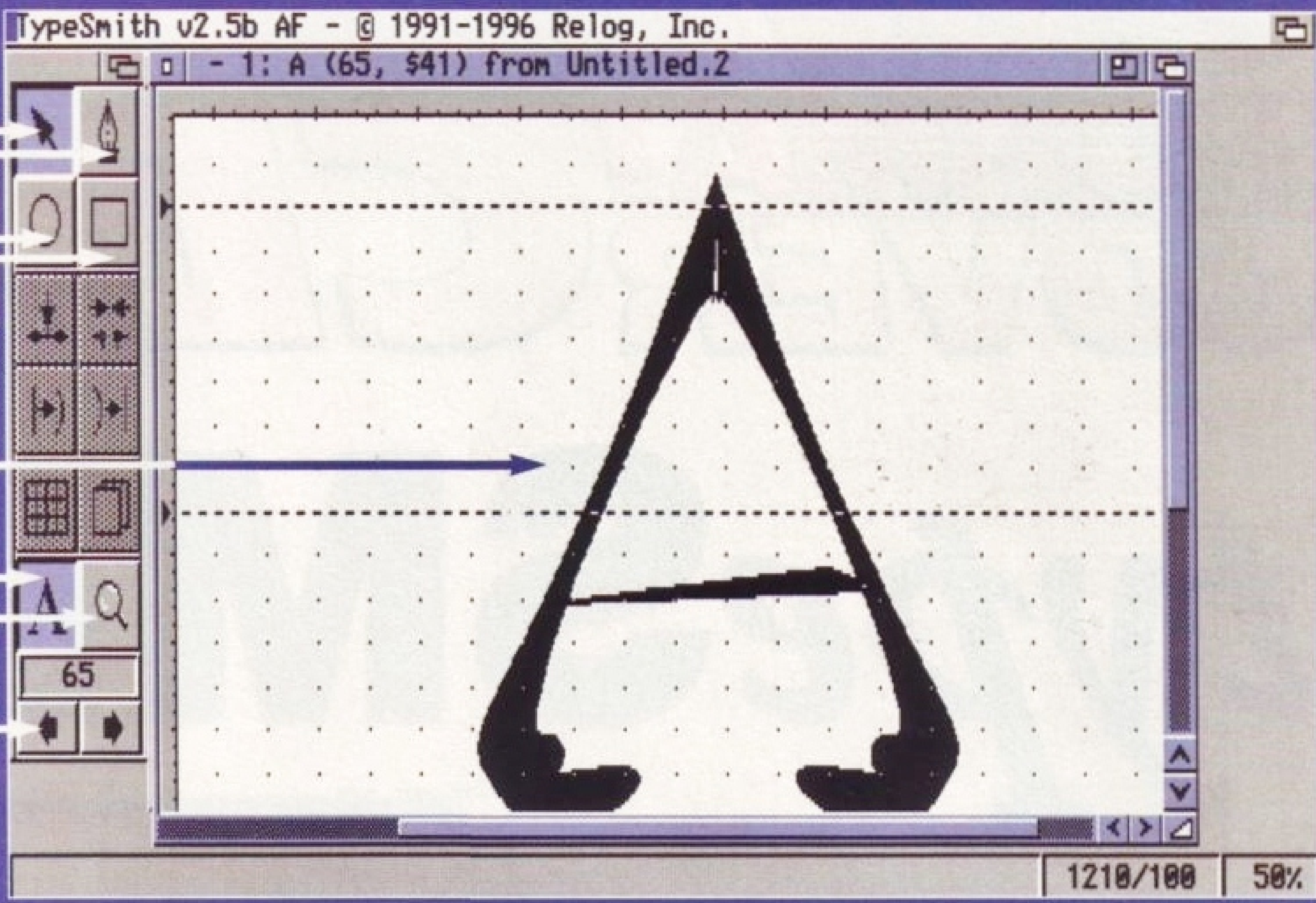
Draws boxes and rectangles.

The Main Window. Note that the grid can be toggled on and off using the menu.

Toggles between outline and solid view of fonts.

Magnify the view for detailed work.

Scrolls through the letters in your font.



you to draw freehand on the window. Click and hold the left button at the place where you want to start. You will be designing the outline of the font (both inside and outside). Now drag the pointer to where you want the next point to be. Release the mouse button down and you will have a line of the appropriate length, which you can curve by moving the pointer. Click the left mouse button to accept.

You can now move to another point and a further line will be drawn. If you click and hold the left button at the next point, a separate line will appear. This line shows you how much curvature you are placing on the line you have just drawn. If you drag it round, you will see the line bend. Dragging the pointer away from the centre will extend the line and therefore the point along the font's line which is being bent. The further out, the greater the curve.

Continue until you have done as much as you need to. Clicking the right button will join the last point up to the start point. You don't have to design the whole outline in one go – this would be difficult as well as making the task far more arduous than need be. To simplify simple shapes, you can use the square and circle tool for rectangles and ovals.

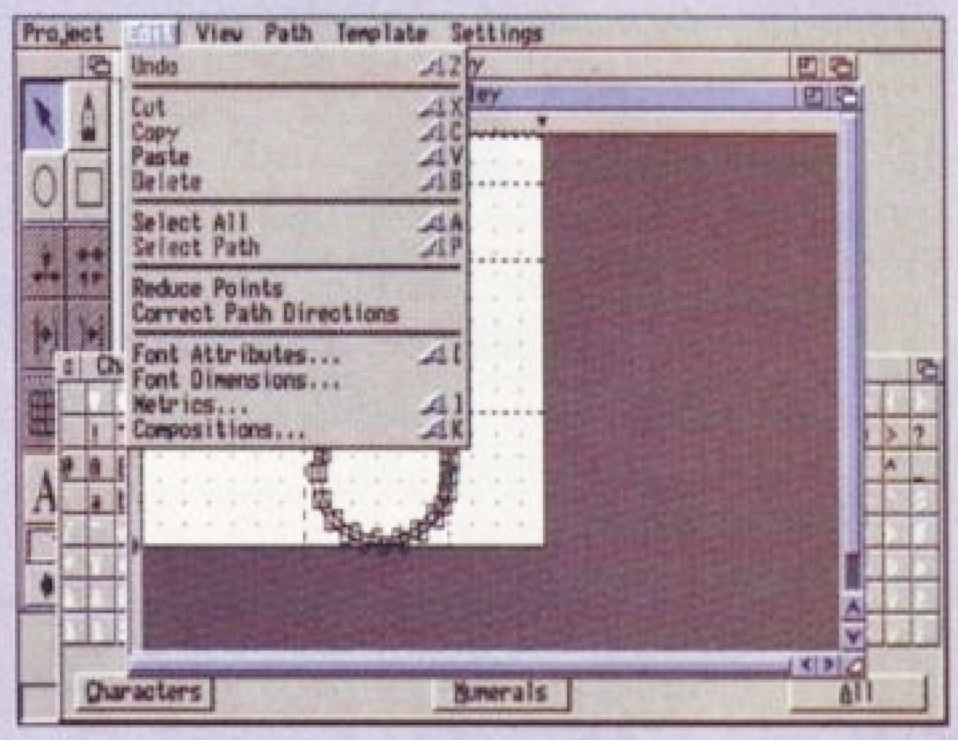
Many letters have some form of symmetry involved. It's best to design one part and then select the section with the arrow tool and then duplicate the section from the path menu. You can then flip, rotate, skew or scale the part as necessary. Elements can also be cut, copied and pasted as in any other design program.

OVERLAP

If you design a letter where part of a section overlaps another, you will see that it cancels out the other so that where they cross is blanked back out. This is quite a useful when creating more detailed fonts. If you want to avoid this, make sure paths don't cross.

Notice the grid that sits over the window to give you a guide to size and placement. You can set the size of the grid or remove it from the window, using the Settings menu. You can also snap elements to this grid.

When you've designed your project save it out and import the result into the program you want to use. Remember to save your work periodically under different names – then you can revert to an earlier version should your design go wrong. It also means that you won't lose everything should you crash your Amiga!



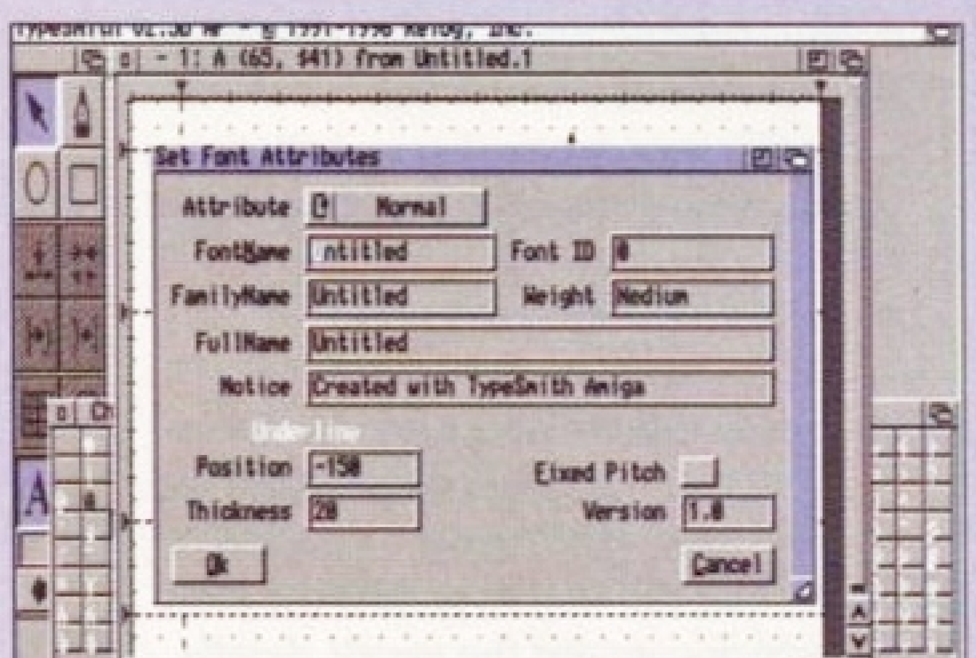
Before you begin, have a good look around to make sure you know where all the features are.

To convert fonts just import it into the program and then export it in the new format. You can convert fonts to the Amiga's bitmap font format from the Template menu, but this format doesn't scale well and will be jagged if you stretch it.

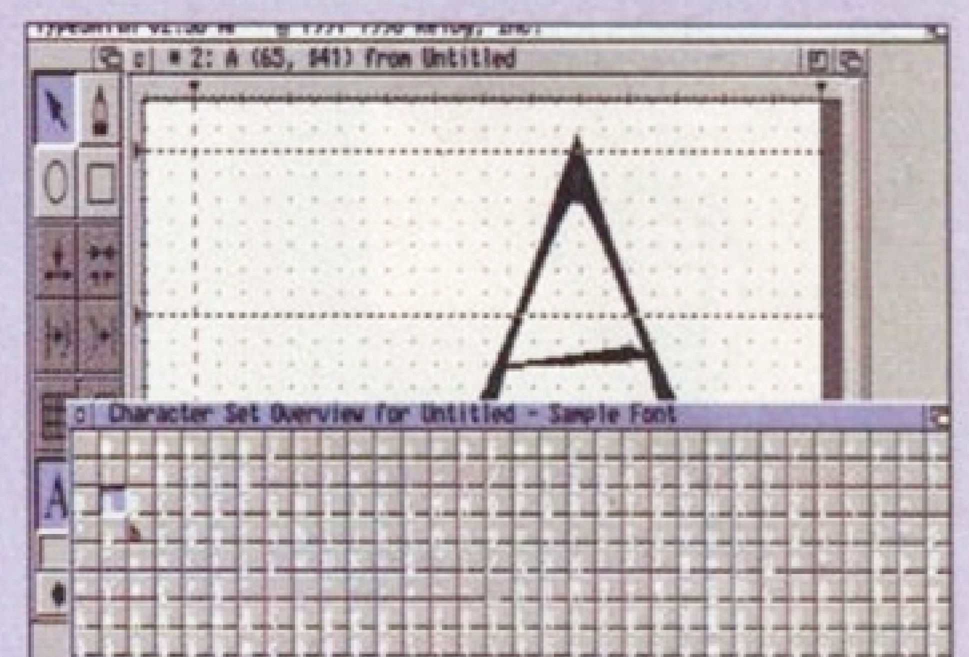
For more information on *TypeSmith* see Larry Hickmott's feature, starting on page 17. You might also want to consider upgrading to the new version in which case turn to page 116 to take advantage of our special offer.



Fonts can be shown filled in as you work which gives you a better idea of how it's looking.



When starting a new font, you need to name it and set its other attributes first.

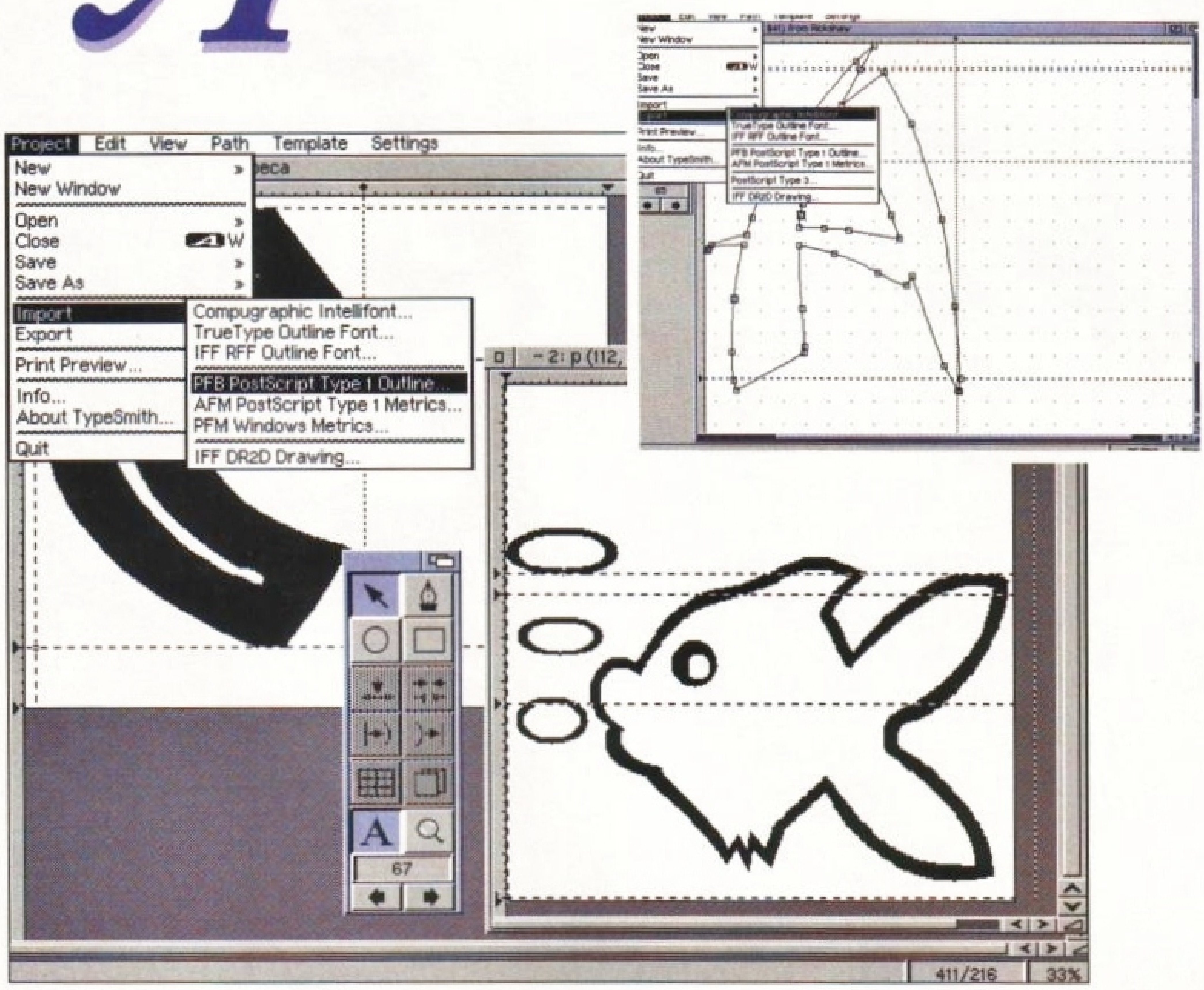


You can open the character selector to choose the one to work on. Letters used are displayed in black.

AMIGA FORMAT COVER CD

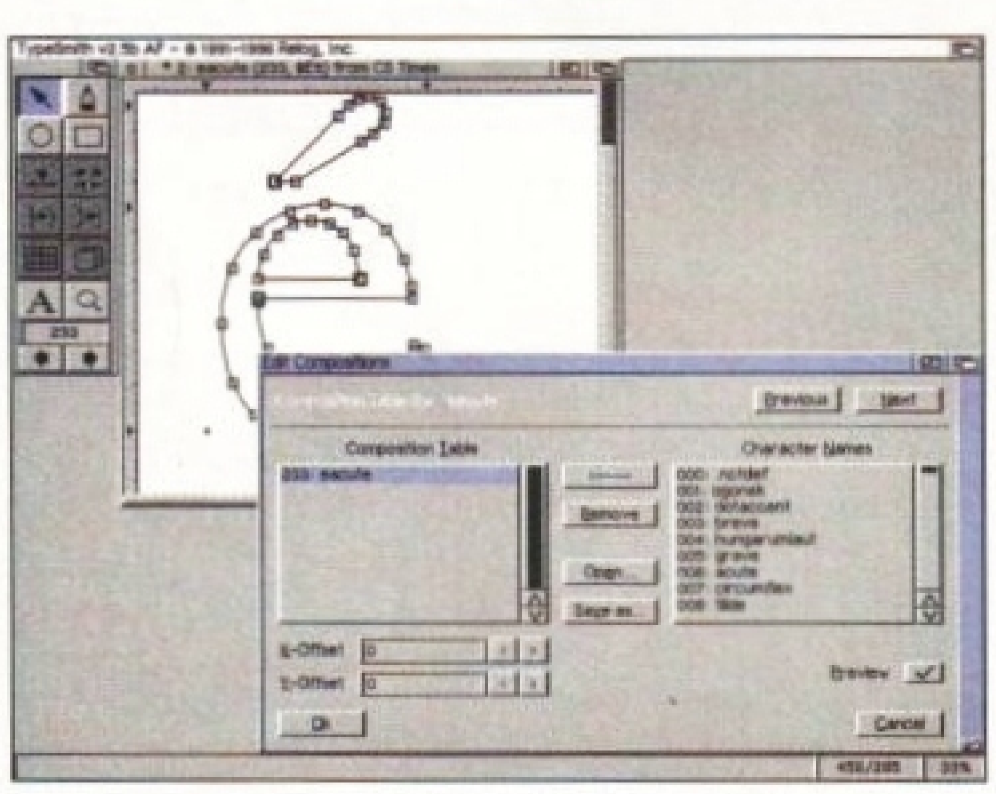
Another bountiful harvest for all you CD owners, including some very special footage of Viscorp's Toulouse conference and loads and loads of PD fonts to accompany TypeSmith.

typeSMITH



***TypeSmith*, the best font editing software available for the Amiga, and it's all yours...**

Design your own fonts quickly and easily.



You can convert fonts from other formats for use on your Amiga.

You will find a lot of information about the *TypeSmith* software in the disk pages, and indeed in the main feature of this issue. But you lucky CD issue buyers have a little extra bonus. There are dozens and dozens of PD and shareware fonts contained in the *TypeSmith*/Fonts drawer.

There are both Adobe® Type 1 fonts and Agfa® Compugraphic fonts here for your entertainment. The Type 1 fonts come with both the PFB file, containing the font data, and the AFM file, which contains the metric details for the font – spacing and kerning information. These fonts can be used by some Amiga applications, including 3D packages such as *Lightwave*.

The Compugraphic fonts provided can also be used with Workbench if you have WB2.04 or better. To install the fonts you will need to use *Fountain* or *Intellifont* (depending on which version of Workbench you have) and select this draw as the font source. You will then be able to generate bitmaps, and use the fonts in a variety of different applications – anything which uses normal Workbench fonts in fact.

Either of these font types may be used in *TypeSmith*, so you can edit and adjust them to your needs, or alternatively convert them into more useful formats.

Please take note that there are no True Type fonts included on the CD, this is mainly for space reasons, but also because very few Amiga programs actually make much use of True Type fonts (well, I can't think of any).

You can however, if you wish, convert fonts into this format using the *TypeSmith* software.

READER SUBMISSIONS

Keep your submissions rolling in. The best will receive a cash prize. In order to help us, it would be best if you're submissions were as self contained as possible. In the case of software, please don't send us stuff on a custom, self-booting disk for example. Pictures and animations are fine in whatever format, as are music modules.

In fact, we are pretty keen on having a theme tune for our CD, so any musicians out there who reckon they can come up with a stirring tune, please get to work and your tune could win you a cash prize!

Send your entries marked "CD tunes" to Amiga Format, 30 Monmouth Street, Bath BA1 2BW.

TOULOUSE

Viscorp's Toulouse press conference has already been written up in our news pages – but that's nothing like actually being there. As this was such an important event, we wanted as many people to experience it as possible.

IF you put the CD into an audio CD player, you will find that it contains six tracks. Track 1 is the CD-ROM data and you should NEVER play this through your hi-fi unless you want to get a severe headache and run the risk of your speakers blowing up. So, save your ears and skip the first track.

The remaining tracks are all taken from speeches made by Bill Buck. If you hang out on the Internet, you will find some strange things said about what actually went on in Toulouse, and even some magazines and industry journals seem to have come away with entirely the wrong impression. Now you can hear for yourself what was said, and indeed, see for yourself too.

Also on the CD are three little movies from the conference. Two of these were created using the old Microdeal VideoMaster, which has recently been re-released by EyeTech (see the news pages of this very issue). The third is an AVI file, which A1200 owners can view using the rather excellent Tapavi which is also included on this disc.

Next issue we will hopefully have our CDXL setup working for even better playback on all Amigas. If there is something particular you would like to see on the CD, please drop us a line and let us know.

VIDEO FOOTAGE OF BILL BUCK, AT THE TOULOUSE CONFERENCE



RESOURCES

There are plenty of things in resources this month, but those of you who enjoy a good animation may like to check out FLICK, which is an amazing animation player that can play FLI files direct from CD. Needless to say, we have included plenty of FLI examples for you to look at.

DISC NOT WORKING?

If the CD is defective, please return it to the address below. Please make sure you have followed our installation procedures correctly to ensure that there is a physical problem. Please send the CD along with a description of the fault plus a self addressed envelope. Return postage will be paid.
Ablex Audio Video Limited, Harcourt, Halesfield 14, Telford, Shropshire TF7 4QR

A CD should only need replacing if the CD itself cannot be read. If, instead you are experiencing problems with an individual demo or application phone our technical support line. This is open between the hours of 9.30am and 6.00pm from Monday to Friday. Tel: 01225 442244. Fax: 01225 732279. Email: support@futurenet.co.uk

Please note that the helpline staff provide assistance with technical problems directly related to our cover CD and cannot provide training on the software or hardware in general.

COMMON PROBLEMS

Real 3D2 – this software is for high end 3D rendering, and as such has some fairly high system requirements. To run the software you should have at least 6Mb memory and at least an '020 processor with an FPU. Obviously, to get the most out of the software, your system should be expanded even more.
The *Real 3D2* software has been included again on the CD this month with a fixed Assign script so it will run straight from the disk.

GUI crashes – Try not to click on several buttons in rapid succession. It takes a while to load in some of the data from the CD, and all you succeed in doing is getting the interface to try and run several animations at once. You can tell that the GUI is attempting to load data because the light on your CD drive will be on...

GETTING HOLD OF YOUR ISSUE

A lot of people have been ringing us up and writing in and faxing and emailing and probably coming round and banging on the front door saying they can't get hold of the CD issue of *Amiga Format*. So if you've been having some problems, here are some hints.

■ If you don't see it in the newsagent – ASK. If they have run out, you'll have to look somewhere else. If they don't get any copies of the CD version, then you can ask them to get some.
■ You can always RESERVE A COPY. Virtually any newsagent will reserve a magazine for you if you ask, even WH Smith and John Menzies.
■ You could subscribe, and have the CD version delivered straight to your door every month.

AMIGA FORMAT COVERDISKS

CAN'T GET YOUR DISK SOFTWARE WORKING?
CALL
(MON-FRI 2PM-6.30PM)
0191 584 0682



EXTRA!

Your Coverdisk should be working fine, but if it's not, these hints, tips and corrections should sort out the problem quickly and easily.



SENSIBLE GOLF (*AF73*)

If you are using a 1Mb machine and have an external disk drive, you will have found that the intro and title will load fine, but the game itself fails. Switch off and disconnect the external drive which is taking up memory that *Sensible Golf* needs. When playing, if it seems that you have control of the game and can do everything except actually strike the ball, your joystick is in the wrong port.



TECHNOSOUND TURBO 2 (*AF73*)

To use the fun-time effects, as well as some other *Technosound* functions, it is necessary to have an external sampling cartridge connected. If you do have a sampler, but find that it doesn't work properly with the software, try gradually reducing the program's sample rate setting.



TRANSITION (*AF74*)

If *Transition's* main screen flickers, it doesn't mean that your Coverdisk is faulty. The programmers have chosen to use a high resolution screen for *Transition's* interface. Owners of a suitable multiscan or VGA monitor can configure Preferences so that the flicker is eliminated.



INFONEXUS/ DATANEXUS (*AF76*)

Apologies to readers who are still using Kickstart 1.2 since the programs will not work with your machine. Optonica are running a special offer on the full version of the software exclusively for *AF* readers. To find out more, contact them on 01455 558282.



REAL 3D (*AF77*)

If you find that the program will load fine from floppy but fails to load from your hard drive it is possible that the MaxTransferRate of your hard disk is set too high. To remedy this you will have to refer to the documentation that came with your particular hard drive.



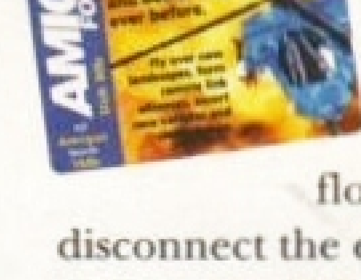
WORMS (*AF79*)

The amount of telephone calls to the Coverdisk helpline about Worms suggests that many of you weren't very careful when decompressing this game. It is easy to ruin your Worms Coverdisk by not changing to a blank disk at the correct time in the procedure. The result is that Worms disk One is decompressed over the Coverdisk, losing the compressed Worms Disk Two file in the process. Before using any Coverdisk write-protect it first and then make a spare copy. (If you don't know how to copy a disk see the box on page 115)



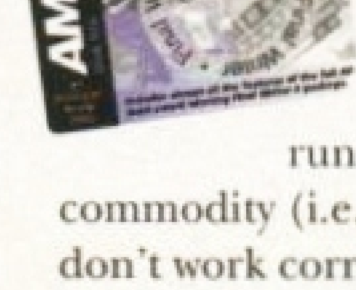
ULTIMATE WORKBENCH UTILITIES (*AF80*)

If you are having trouble reading the documentation that accompanies the Workbench utilities it is likely that you don't have the tool that your Amiga looks for when you double click on a doc icon; e.g. Muchmore, Multiview, AmigaGuide etc. Or that these aren't set up properly on your Workbench. You can use a word processor or a text editor to read the docs, or use the program ordering included in the collection.



ZEEWOLF 2 (*AF81*)

Many readers have phoned in saying they are having problems with *Zeewolf 2*. One meg A500 users who have two floppy disk drives should disconnect the external drive to make more memory available to the game. Unfortunately *Zeewolf 2* just doesn't seem to work at all with some accelerator cards.



FINAL WRITER 4 LITE (*AF82*)

If *Final Writer*'s pull-down menus won't pull down it is probably because you are running a menu enhancement commodity (i.e. *MagicMenu*). Such programs don't work correctly with *Final Writer* and should be disabled. In order to print documents it is vital you have the correct printer driver installed in the devs/printers drawer of your Workbench disk and that the driver is selected and configured using the printer prefs utilities. Your Workbench manual describes how to do this. To print larger documents *Final Writer* requires more memory. If you're using the program on a 2Mb machine, try to maximise the amount of memory available by removing any utilities or commodities running in the background – if you still experience problems, use Workbench's prefs utilities to alter the screen to a lower resolution screenmode. Lastly, it was inadvertently stated that *Final Writer* works on all 2Mb+ Amigas. Sorry, but it's incompatible with old Kickstart 1.2/1.3 machines.

GENERAL PROBLEMS

The most common problems are Read/Write or Checksum errors which occur during the decompression process. It is important to note which disk is in the drive when such errors occur – is it the Coverdisk or one of your own disks? If it's one of your own disks then that's the disk with the problem. Did you format your blank disks correctly? Try re-formatting them and do a full format not just a quick format, use the verify option and make sure you format from your Workbench, not from utilities like *X-Copy*. Disable *Directory Caching*, *Trashcan* and *International Mode*. Don't decrunch to HD (High Density) disks as these can be unreliable. **Always write protect and back up your Coverdisk *before* you use it.**

FAULTY DISK?

Please remember that the technical helpline above is purely for difficulties you have getting the programs to work properly. If your disk is physically damaged, bent, broken with a loose or missing shutter, it should be returned to the duplicators for a replacement at the following address:

AF DISK NUMBER XX
TIB PLC
TIB HOUSE
11 EDWARD STREET
BRADFORD BD4 7BH

This includes any system messages you may get saying: **"Read/write error"**, **"Disk invalidated"** and **"Checksum Error"**. In this case, the disk has been damaged and needs to be replaced.

SPECIAL OFFER!



TYPESMITH MANUAL AND MORE FEATURES!

Now available from Digita!

NEW PRICE

Register your TypeSmith 2.5 cover disk for £39.99 and receive:

- detailed 92 page instruction manual
- ARexx support, with over 120 commands!
- Batch Convert macro: Convert an entire drawer of fonts at once!
- professional hinting feature— makes your fonts look better at small sizes and low resolutions! Look at these magnified examples!

H BGUcdem	H BGUcdem
No Hints	With Hints

Get the most from your TypeSmith cover disk!

The TypeSmith cover disk in Amiga Format gives you the world's only Amiga font editor and converter. If you've taken it for a test drive, you'll have realized that TypeSmith is a powerful program with hundreds of features. If you really want to get the most from TypeSmith, there's no substitute for the **official instruction manual**. It describes how to use every feature, and is an invaluable reference.

You'll also receive the full TypeSmith package which includes an extensive **AmigaGuide** help system and additional features! **ARexx support** allows you to automate TypeSmith for faster use. Even if you don't know how to use ARexx, you'll appreciate the included **Batch Convert** macro which allows you to convert an entire drawer of fonts at once!

TypeSmith originally sold for £130, but now you can order it for just £39.99! And through a special arrangement with Digita International, now you can order locally without having to pay high overseas postage and packing! **Order now from Digita!**



PAGESTREAM DTP AT A BARGAIN PRICE!

Now available from Digita!

Order PageStream2SE for just £39.99 and receive:

- the best-selling Amiga desktop publishing program!
- create amazing pages on your Amiga computer
- detailed 100 page instruction manual
- 47 fonts
- requires 1.5MB memory and AmigaOS 1.3 or newer; hard drive recommended, but not required.

The #1 Amiga DTP program: now just £39.99

PageStream2SE is the best-selling Amiga desktop publishing program. It can be used to create **newsletters**, invitations, cards, books and even colour magazines. Start with a blank page, type a headline, import text, place a picture and print with total ease!

This is the same popular program that formerly sold for £175! It comes with the **official instruction manual** that explains in simple terms how each feature works. It guides you through the creation of a document to get you up and running in minutes. You'll also receive 47 great fonts to make your documents look their best.

PageStream2SE is the best Amiga software value today. **Order now from Digita!**

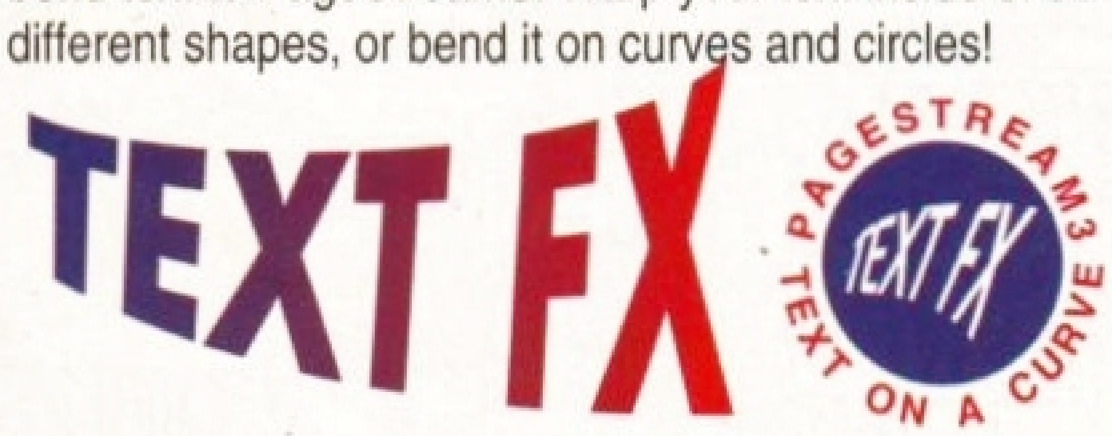
Also Available from SoftLogik...

PageStream3: $150

For even more great DTP features, you need PageStream3. With over 1000 new features, it's the most powerful publishing program ever! Order now directly from SoftLogik for just $150 plus $8 shipping & handling, a savings of $75 off our regular direct price. But hurry, this offer expires soon!

TextFX: $50

This popular extension adds the ability to warp and bend text to PageStream3. Warp your text inside of 50 different shapes, or bend it on curves and circles!



Visit our new web page at www.softlogik.com!

TypeSmith and PageStream Order Form

NAME ____________________

ADDRESS ____________________

____

POSTCODE ____________________ COUNTRY ____________________

☐ **TypeSmith2.5 package with manual for only £39.99—saving £90 off the RRP.**

☐ **PageStream2.2SE package with manual for only £39.99—saving £135 off the RRP.**

☒ ***I've added £3 for Post and Packaging. 17.5% VAT is included in the above prices.***

○ Cheque payable to Digita International

○ VISA/Access No. ____________________ Exp. __________

Mail to: Digita, FREEPOST, Exmouth EX8 2YZ.
Or fax: 01 395 268 893, telephone: 01 395 270 273, email: sales@digita.demon.co.uk

Outside of Britain: You can order directly from SoftLogik. TypeSmith2.5 is $49; PageStream2SE is $39. Add $8 shipping. SoftLogik prices do not include VAT, if applicable. We accept VISA, MasterCard, American Express, Discover, and US$ checks and money orders. Fax 314-256-7773, phone 314-256-9595 (9am–5pm Central), email support@softlogik.com, or mail to SoftLogik, 315 Consort Drive, St. Louis, MO 63011 USA.

THIS MONTH IN PC GUIDE



A STAR IS DRAWN

Jurassic Park? How very 1994. Disney's *Toy Story?* Yesterday's news. The big thing in Hollywood right now is the digital actor. He's big, he's bad and he exists only on a hard drive. *PC Guide* meets the new synthespians.

BURN TIME!



CD-ROM writers are the latest 'must-have' desktop accessory. As prices plummet, everyone wants to cut their own CDs. We review the cheapest drive yet!

Plus MEET KYOKO DATE,



Japan's newest teen sensation. She will never grow old, she will never be caught taking drugs and she'll always do as she's told. The figment of some computer chip's memory, Kyoko is set to be very big news indeed. Read our exclusive story.

ADOBE PHOTODELUXE

Now you can have your own digital darkroom on your desktop PC. Adobe's cut-price image manipulation package means your holiday snapshots can be transformed into works of art.

PC INSURANCE

Discover all you need to know about insuring your PC.

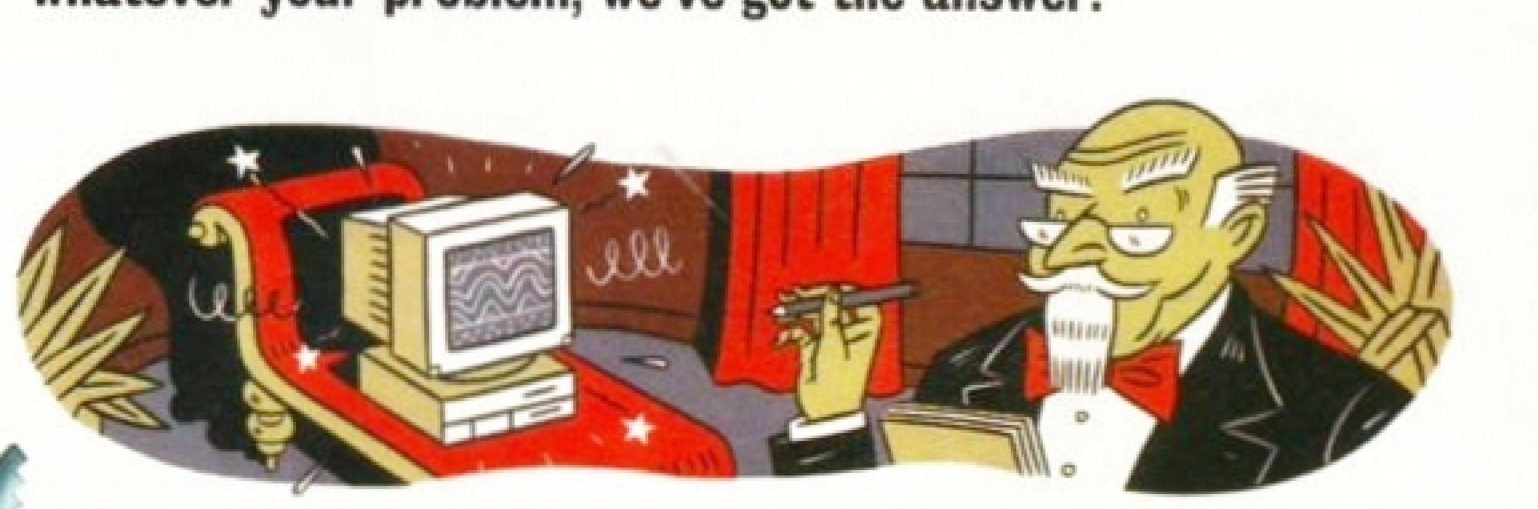
HIT THE HEADLINES

Create your own magazine with our in-depth tutorial and exclusive *PageMaker 6.0* demo.



ON THE COUCH

If you're new to computers, there's no denying that PCs can be difficult beasts to master. That's why the *PC Guide* team of experts is on hand to solve your worst computer nightmares. Whatever your problem, we've got the answer!



Extra Don't miss out on this month's CD-ROM. We're giving away *WinDelete 1.0* – the Windows uninstaller that gets rid of all unwanted files. It's a dream to use and it's yours for the price of the magazine.

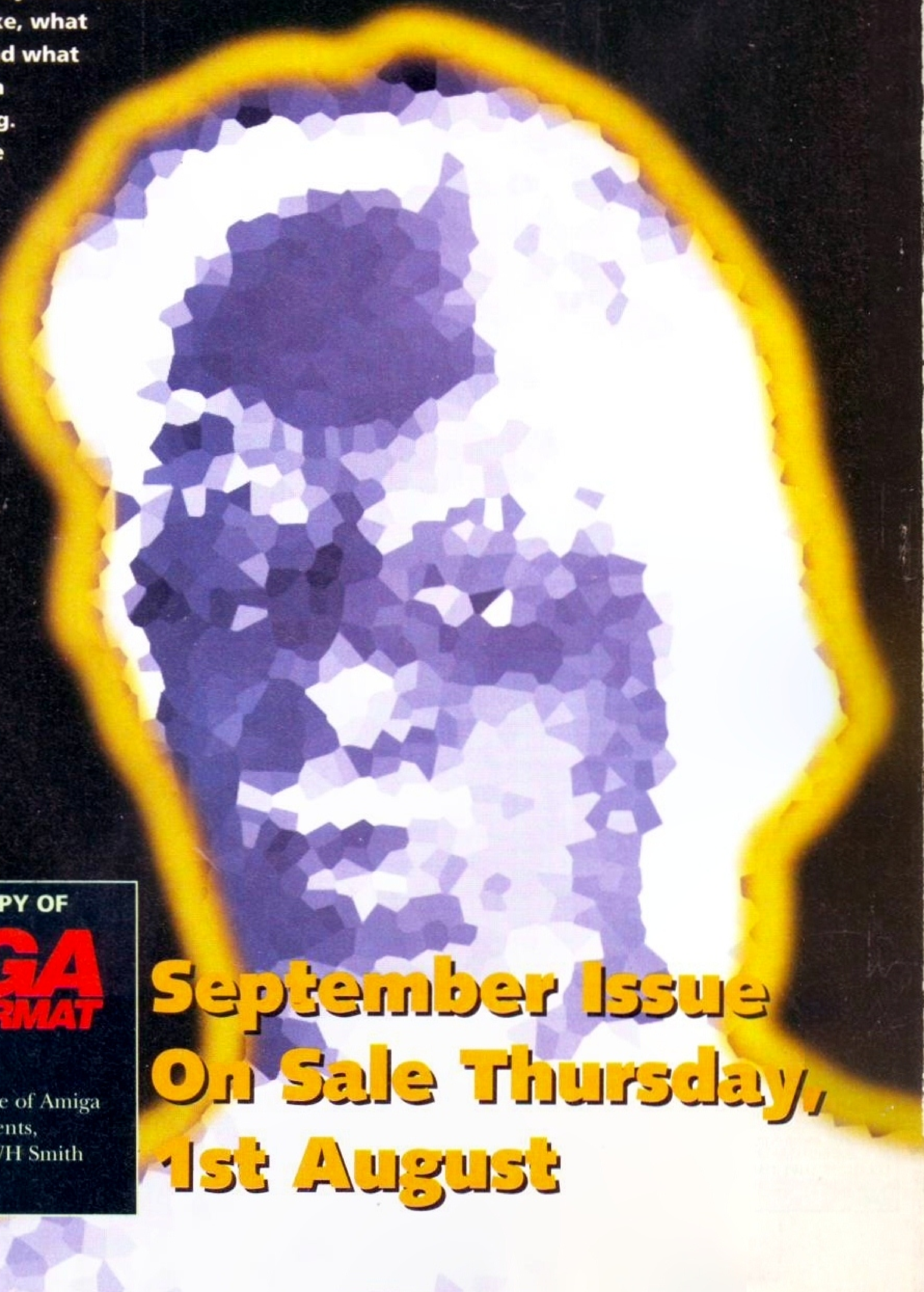
ON SALE AT QUALITY NEWSAGENTS NOW


Don't try this at home
HOME
Try
THIS
this
instead
Britain's best-selling bike magazine
Mountain Biking UK
100% hammer
Hurtle vertical like Cannondale's Stephan Gleed
Isn't fashion brilliant!
Dress way cool for comfort
Jez DO IT!
Learn the ultimate bike trick
The Warner Bros
Different styles – but which is for you?
DROOL OVER TOP PRO'S DOWNHILL BIKE
We are the firestarters
THIS is WhAT we'Ve Got in tHIs MOnTH's 100% puRe AdreNAlin-filLEd issue:
All yOu buDdin' tricksTErs caN beCOMe MeiSTErs when yOu masTer tHE uLTimatE triCK with Jez AVery
leArn how To go DOWnhill FaSter anD inCRease yoUr adRenALin ruSH
in't faShioN BriLliAnt?! fiNd oUT wHAt's reAl cOOl tO weAr thiS suMmer
sTevE pEat's JuSt kiCKEd thE mtb woRLd's bUtt, reAd abOuT tHE bike ThaT toOk hiM thERE
teCH-heAds fiNd ouT hoW tO sET up yOur v-bRAkes anD which DH foRKS aRe FOr yOu
Mountain Biking UK on sale NOW

Free typesetting/design service available

WHO ARE YOU?

Next month in *Amiga Format*, as well as another fabulous CD, the latest news from Viscorp and reviews of the very latest releases, we will be conducting another massive reader survey. The purpose of the survey is to find out what you like and dislike, what equipment you have and what you would like to see in future issues of the mag. Please try and complete the questionnaire next issue, we need to know more about you to continue producing the best Amiga magazine in the world...



RESERVE YOUR COPY OF

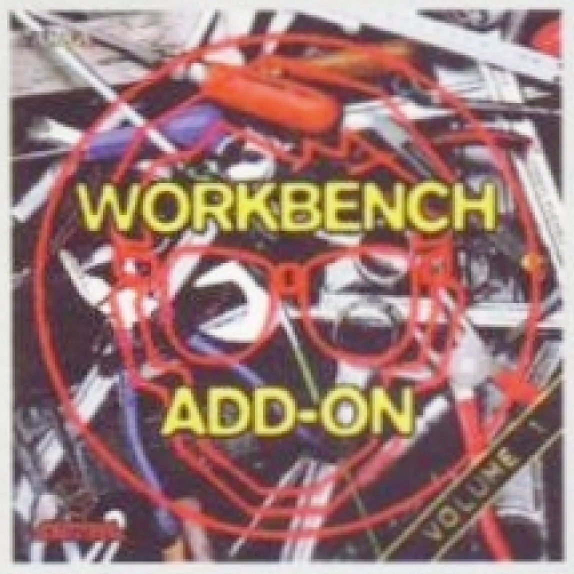
AMIGA FORMAT

MAG*SAVE

You can reserve any issue of Amiga Format at many newsagents, including branches of WH Smith and John Menzies.

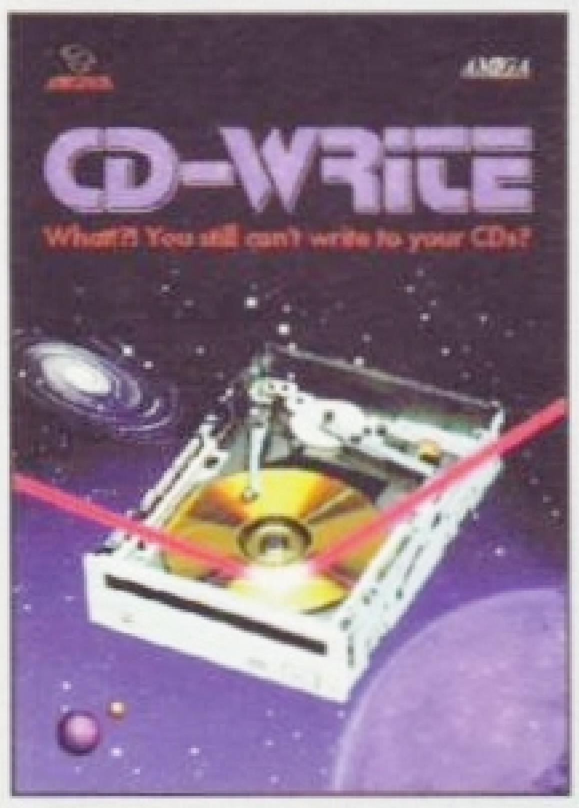
September Issue On Sale Thursday, 1st August

-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-ROM...CD-



Workbench Add-On Volume 1

The Workbench Add-On CD-ROM is the ideal companion to your workbench. On this CD you will not only find the best programs, that are available for the Amiga, but you will also get them ready-to-run from the CD. In addition to this there is an installer script that installs the desired programs to your harddisk.
The CD covers all areas of interest, all, the programmer, the user, the creative and the gamer will find what they are looking for. On this CD-ROM there are many shareware programs, some of them at a special price, if you get registered. There is e.g. Shapeshifter for 40.- DM (instead of 50.- DM), in addition to this there is a 50 MB Mac partition, so that you can start playing around with Mac applications right away. Then there is PowerPlayer for 20.- DM (instead of 30.- DM), there are, of course, loads of modules with it, so that you can try it right away. AmiWin, the new X11-server for the Amiga is available for $40, instead of $50. You can sa ve more than 100.- DM with this CD. Therefore you only have to send in the appropriate page in the booklet to the author of the program. £24.95



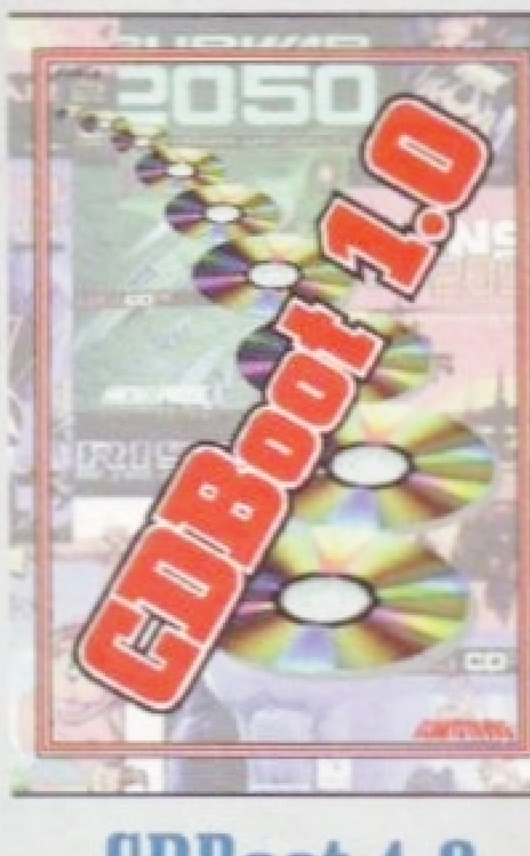
CD-Write

What!?! You still can't write to your CDs? CD-ROMs have long been an essential part of Amiga computing. Many users already own a CD-ROM drive, and the number of software packages available on CD is increasing steadily. Until now, though, it was not possible to write to CDs. We have solved this problem with our new revolutionary product: Ralph Babel and Stefan Ossowski's Schatztruhe are proud to present what can be considered a marvel of technology: CD-Write enables you to virtually write to CDs with an ordinary CD-ROM drive. From now on, you will be able to write, delete, and modify data on your CDs. This product will take you into a new era, and you will be able to utilize CD-ROM technology to its fullest. £44.95



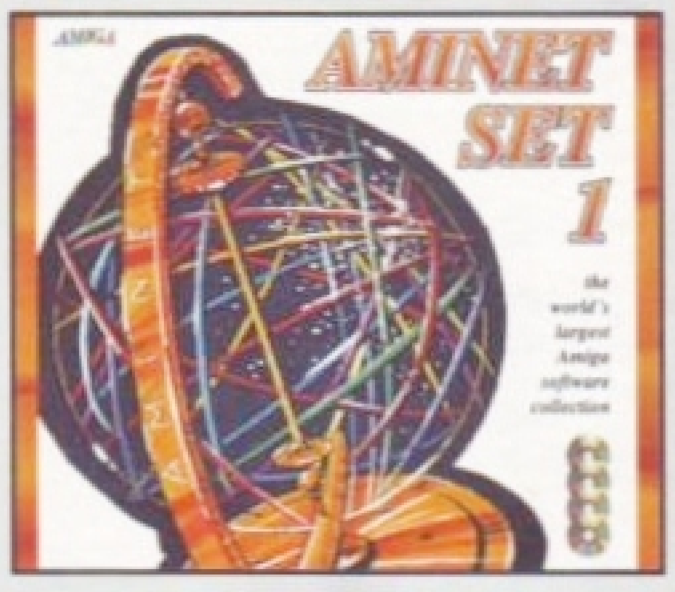
FreshFish 10

The FreshFish CD-ROM-series, produced directly by Fred Fish, provides Amiga users with hundreds of megabytes of the latest freely re-distributable software. Published approximately every two months, each volume is a two CD set containing new submissions since the latest volume, as well as on ever growing selection of tools, libraries, documentation and other useful material that is updated with every release. £17.95



CDBoot 1.0

CDBoot is a fantastic new product that enables you to use almost any CD32 games on an A1200 or A4000 (with AT- or SCSI-CD-ROM drive and any filesystem). You can create a configuration file for each CD, containing information on the Joypad emulation. You can also save the highscore of each CD32 game. The usage and installation of CDBoot is very easy, also for beginners, due to the excellent English manual. Since the compatibility is very high, you can use 98% of CD32 games currently available. CDBoot is an excellent software solution for all Amiga-Freaks, who would like to enter the world of CD32 games! £34.95



Aminet Set 1

Aminet is the world´s largest collection of freely distributable Amiga software. Up to 10.000 users access the vast archives ervery day and countless programmers publish directly via Aminet. Until recently access to Aminet was restricted to international network users. With Aminet Set 1, consisting of 4 CDs, the complete archive is published the first time. This CD-ROM-collection, which is dated January 1995, offers an almost inexhaustible reservoir of top-value Shareware. A wide variety of programs is included: Applications, Games, Demos, Pictures, Mods, Animations, Developer-Material, ... It contains approximately 4 gigabytes of software in 12.500 archives and you will enjoy the comfortable user-interface. £29.95



Aminet Set 2

AMINET SET 2, dated November 1995, consists of approximately 4 gigabytes of software in 12.000 archives. Whether you like applications, games, communications or programming, the SET gives you all you need. Easy to use index files and search facilities make accessing it a pleasure. £34.95



Gamers' Delight II

This CD contains 1070 games for the Commodore Amiga from differing categories. Action, Jump & Run, Card Games, Puzzles, Strategy Games - a whole range of computer entertainment awaits! Gamers´ Delight will hold you captivated for hours and guarantees long-lasting pleasure. 70 games are commercial versions - no public domain & no demos! This CD can be run on any Amiga with CD-ROM drive, 1 MB free memory and Joystick/Joypad. £26.95



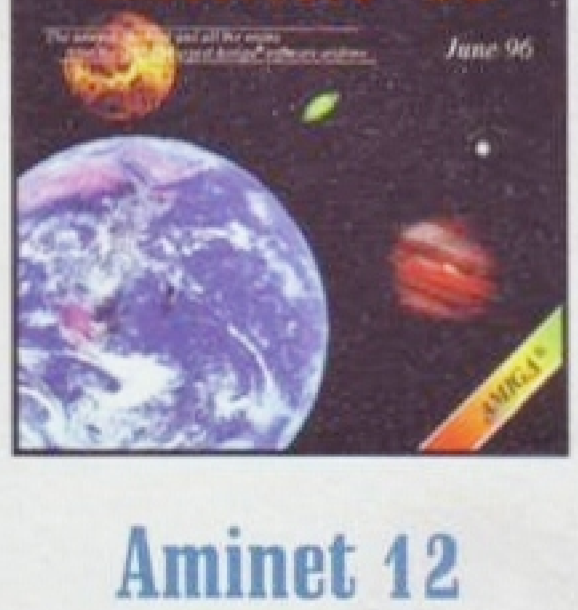
Meeting Pearls Vol. III

The *Meeting Pearls* Volume III contains 650 MB of the finest FD software via a special user interface, which has been created to allow you to find the program of your choice with ease. The contents: 10 MB Packer, Cruncher, Archive Programs - 3 MB CD-ROM Utilities - 21 MB Communication and Network Programs - 5 MB Debugging Tools - 29 MB Development Tools - 13 MB Floppy, Hard Disk ans SCSI Programs - 8 MB Educational Programs - 9 MB Games - 35 MB Graphics Programs - 39 MB Internet Movie Database, Updated Version - 7 MB Midi Tools and Programs - 27 MB Mods - 12 MB Music Programs - 21 MB Pictures - 13 MB AmiTCP and more for Networking - 60 MB Documentation, CD-ROM Databases, etc. - 96 MB PasTeX 1.4 - not previous available on any CD-ROM - 15 MB Utilities - 30 MB HTML-Pages - Collections of datatypes, benchmark programs, icons, programs for amateur radio and electrical/electronic engineering are also included. £9.95



Aminet 11

Still available! £14.95



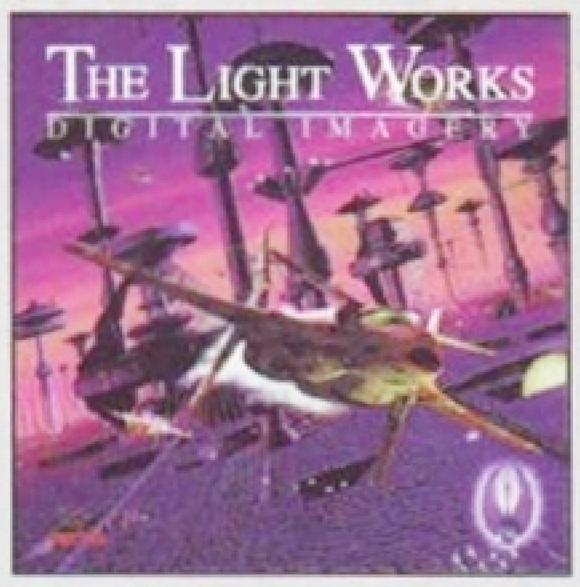
Aminet 12

Aminet CD 12, dated June 1996, consists of approximately 1,1 gigabytes of software in 3800 archives. Since the release of Aminet CD 11 more than 710 MB new software has appeared. The current edition has a special focus on mods, more than 1000 music-modules from the internet were included. User friendly access software makes the Aminet CD 12 a pleasure to use. £14.95



XiPaint V4

XiPaint 4 is the new version of the leading edge, 24-bit paint program. It's suited to the demands of novice and expert alike, and within a short time, you too will be able to produce colourful and creative art in 16.8 million colours. This version of XiPaint features animations as well as easy-to-use raytracing-capabilities.
Overview of Features: - Diverse paint functions including colour, contrast and saturation adjustment - Mask, outline, recolour and fill functions - Airbrush with adjustable spray functions - Light-table function for manipulating montages and animations - Text functions with anti-aliasing using Compugraphic fonts - Support for a variety of graphic formats - Unlimited Undo - Diverse manipulation of alpha channel - Supports many graphic cards - Layers to combine different projects - ARexx port - Drag & Drop colours - External filter module - Extensive documentation - 60 textures, 50 landscapes, 30 other pictures and many fonts included. £49.95



The Light Works

Raytracing - A fascinating area of the computer graphics. Pictures from the computer, perfectly rendered, fascinate people all over the world. The Amiga was the first computer to be used for raytracing, and today it is still a leader, with many high quality programs. A real artist of raytracing is Tobias J. Richter from Cologne/Germany, whose detailed objects stun the people. Especially his space ships of famous science fiction films are used to demonstrate the capabilities of a raytracing program. The objects are highly detailed and extremly realistic due to the application of complex surface textures of the models. Until now it was difficult to acquire these objects in order to create ones own scenes or animations. £29.95



NetNews Offline Vol. 1

NetNews Offline Vol. 1 is the first disk of a new bimonthly published series of Amiga CD-ROMs which contains all Amiga-related newsgroups from the Internet. Every volume features about 50.000 articles which contain hot rumours, important information about all aspects of the Amiga, press-releases, discussions and flame wars, ... A newsreader is included. NetNews Offline is the cheap alternative of getting in touch with Usenet. £14.95

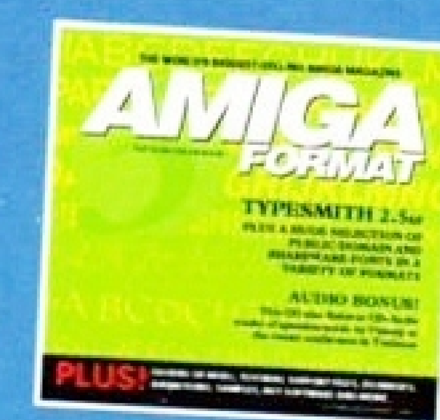
All products are available in your local Amiga-shop or through national mail-order-companies

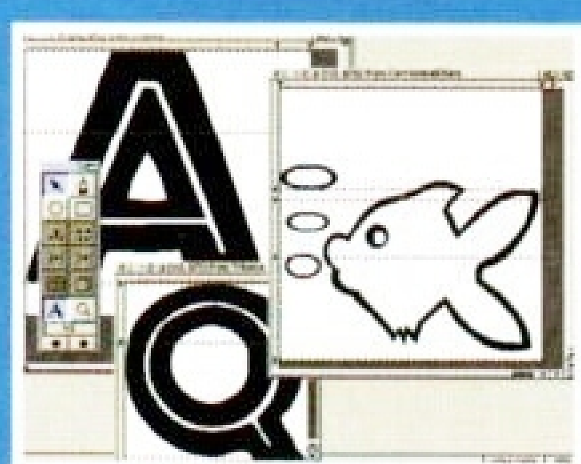
SCHATZTRUHE

International Distributor:

GTI
Grenville Trading International GmbH
Zimmersmühlenweg 73
61440 Oberursel · Germany
Tel +49-6171-85937
Fax +49-6171-8302
EMail: Compuserve 100336,1245

On this issue's CD





A special version of Soft Logik's TypeSmith software which will enable you to generate and convert between fonts in a variety of formats, including Adobe Type 1, TrueType and Compugraphic formats

Plus! A selection of dozens and dozens of PD and shareware fonts in these formats

Toulouse. A special CD report from the Viscorp Toulouse conference, including video clips of speeches made and some special bonus audio tracks featuring excerpts from speeches made by Bill Buck

AMIGA FORMAT

9 771363 006008 08

CD version